

The



CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

3330
CXL

DECEMBER 4, 1943

Annual Subscription (with
Diary) 25/- Single Copies gd.

National service is finding unaccustomed work for many hands and creating a new demand for the antiseptic cleansing properties of Wright's Coal Tar Soap. Never in all its 75 years of usefulness has Wright's been so widely in demand in the factories as well as the homes of Britain.

WRIGHT'S Coal Tar Soap

UNSURPASSED FOR PURITY, QUALITY AND MERIT FOR OVER 75 YEARS
WRIGHT, LAYMAN & UMNEY LTD., SOUTHWARK, LONDON, S.E.1



Parke, Davis & Co.

ask for the indulgence
of pharmacists towards
the firm's endeavours
to secure, on the . . .
basis of their customers'
1939 orders, a fair . . .
distribution of . . .
their own officially
restricted stocks . . .



50 BEAK STREET, LONDON, W.1
Inc. U.S.A. Liability Ltd.

Show 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's Line



Read What Users of 'Elasto' Say:—

Original letters have been seen by a representative of "The Chemist and Druggist")

Varicose Veins

a sufferer of varicose veins, I must state before using 'Elasto' I was tortured with d and aching legs. After taking a month's supply of 'Elasto' I remark with emphasis that feeling of tiredness and aching has vanished. all sufferers of varicose veins I certainly commend 'Elasto'—they are a boon.

1180.

— R. P.

mediate relief, and, although I was relieved of the pains and inconvenience, I have never ceased to take them regularly, as I have found them to act as a tonic as well, giving me energy that I previously lacked. I have recommended them to many others since.

AT 1108.

— F. T.

Rheumatism

may say that I have found 'Elasto' a wonder-help. For years I suffered with rheumatism feet and legs, and at times found it difficult to get about. 'Elasto,' however, afforded me im-

Varicose Ulcers

"I have great pleasure in writing to say my legs are quite better and I cannot praise your 'Elasto' enough. I had suffered agonies with varicose ulcers; in fact I thought I should never get them better, but, thanks to 'Elasto,' my legs are completely cured."

AH 1263.

— E. H.

THESE generous acknowledgements are an indication of the solid goodwill behind Elasto. Thousands of users, all over the country, are daily telling their friends of similar experiences with this fine remedy.

Recommend 'Elasto'—and a satisfied customer will recommend You!

A SOUND LINE
A GENEROUS PROFIT

Retail Price 5/- per pkt.
* Including purchase tax.

Wholesale 42/- per doz.
* Including purchase tax.

A FEW SHOWCARDS STILL AVAILABLE

PATA

the NEW ERA TREATMENT CO., LTD.

DEPT. R

CIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1

IMPORTANT NOTICE

The Current Toilet Preparations (No. 3) Order prohibits the sale of Liquid Polish and Polish Remover as between Manufacturer and the Trade after the 31st October, and from Retailer to the Public after 31st DECEMBER, 1943.

As a result we regret to advise all our esteemed customers that the distribution of CUTEX Liquid Polish and Polish Remover ceased at 31st October and no further supply will be available until after the cessation of hostilities.

We remind customers that any stock of the preparations mentioned which they may be holding must be disposed of before the end of DECEMBER, as any sale made next year will be an infringement of Existing Regulations.

All other CUTEX MANICURE PREPARATIONS will continue to be available under the usual quota restrictions, and we shall do our utmost to see that as fair and equitable a distribution as possible is maintained.

NORTHAM WARREN LIMITED

Manufacturers of

CUTEX MANICURE PREPARATIONS

CROOKES' HALIBUT OIL



**BIG NATIONAL
ADVERTISING SCHEME
COMMENCES SHORTLY**
— ORDER STOCKS NOW !

RATIONING AND VITAMIN A

It can be anticipated that the demand for Crookes' Halibut Liver Oil this year will be greater than ever before.

Vitamins A and D are established as essentials to wartime dietary and extensive reminders of their value will be stressed in all advertisements in the National Press.

Owing to packing and other wartime difficulties, it is advisable to order your winter stocks as soon as possible. Our schedule of bonus parcels, as seen from the list, has not been altered.

TERMS OF SUPPLY

- 1 Bonus in kind will be allowed only when one or more standard parcels G, H, J, K, L, M are ordered.
- 2 The order must be accompanied by cash. No pro-forma invoices can be issued.
- 3 Orders for broken parcels or unaccompanied by cash will not be entitled to bonus in kind.
- 4 Bonus in kind cannot be allowed on any other Halibut Oil Products.
- 5 We must reserve the right to restrict the number of parcels supplied to any one establishment and thereby, as far as possible, ensure fair distribution.



CROOKES' HALIBUT LIVER OIL Standard Parcels of Drops or Capsules only

PARCEL	G = 1 DOZEN 12 x 15 c.c. 5/- Drops Less 25%	Bonus	Sell	£ s. d.	
				1	5/-
				3	0 0
				15	0
				2	5 0
				4	6
		.. 10%			*42 0 6
PARCEL	H = 3 DOZEN 36 x 5 c.c. 2/- Drops Less 25%	Bonus	Sell	£ s. d.	
				3	2/-
				3	12 0
				18	0
				2	14 0
				5	5
		.. 10%			*42 8 7
PARCEL	J = 1 DOZEN 12 x 30 c.c. 9/- Drops Less 25%	Bonus	Sell	£ s. d.	
				1	9/-
				5	8 0
				1	7 0
				4	1 0
		.. 10%			*43 12 11
PARCEL	K = 6 DOZEN 72 x 5 c.c. 2/- Drops Less 25%	Bonus	Sell	£ s. d.	
				12	2/-
				7	4 0
				1	16 0
				5	8 0
		.. 10%			*40 10 10
PARCEL	L = 1 DOZEN 12 x 100 Capsules Less 25%	Bonus	Sell	£ s. d.	
				1	8/6
				5	2 0
				1	5 6
				3	16 6
		.. 10%			*43 8 10
PARCEL	M = 3 DOZEN 36 x 100 Capsules Less 25%	Bonus	Sell	£ s. d.	
				3	8/6
				15	6 0
				3	16 6
		.. 10%			*41 9 6
	*Amount of cash with order			£ s. d.	
					*610 6 6

TEMPORARY SUSPENSION

I/II-SIZE CONDITION POWDER TABLETS
AND
I/6-SIZE 'TIBS'

We regret that shortage of packing materials has necessitated the withdrawal of the above sizes for the time being. As soon as the supply position is easier, production of both these sizes will be resumed, and the trade will be notified immediately. Meanwhile both Condition Powder Tablets and "Tibs" are available in the 7d. size.



BOB MARTIN LTD., SOUTHPORT, LANCS.

ESTABLISHED 1878

FOR

**LABELS
CARTONS
ENVELOPES**

**AND EVERY DESCRIPTION
OF**

MEDICAL PRINTING

Write to

ALF. HARRISON & SONS, LTD.

THE CHEMISTS' PRINTERS

BURLEY ROAD

LEEDS, 4

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The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper should not be taken as an indication that they are necessarily available for export.

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1 product of topical interest in the ALBUCID series



ALBUCID SOLUBLE NASO-PHARYNGEAL SOLUTION

BADLY ventilated factories, places of entertainment and shelters are a prolific breeding-ground of the common cold and influenza.

ALBUCID SOLUBLE Naso-Pharyngeal Solution is now being introduced to the medical profession as the most satisfactory way of counteracting infections of the nose and throat and it is suitable for application either as a throat paint or in any of the usual sprays or atomisers. It has a surface tension of 37 dynes per sq. cm., ensuring even and rapid dispersal and penetration.

**BOTTLES OF ONE FLUID OUNCE RETAIL PRICE 3/6
EXEMPT FROM PURCHASE TAX**

'Albucid' is the registered name which distinguishes sulphacetamide of British Schering manufacture



BRITISH SCHERING LIMITED 185-190, HIGH HOLBORN, LONDON, W.C.1

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Ration

YOUR STOCKS OF

NEURO PHOSPHATES

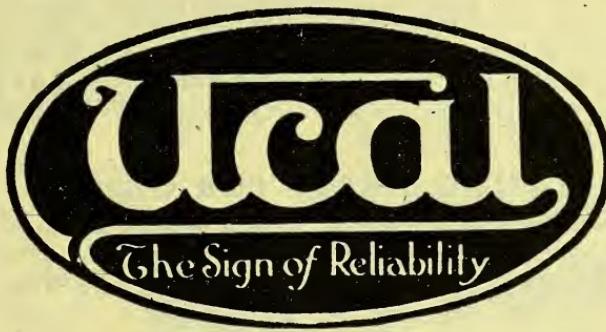
(ESKAY BRAND)

Owing to various shortages and increased prescribing, the demand for Neuro Phosphates far exceeds the supply and we have been obliged to ration all customers, both Wholesalers and Retailers.

We express our regret for unavoidable inconvenience occasioned by short supplies, and would ask Retailers to co-operate with us by reserving their stocks to meet prescriptions.

The Retail Price is **4/6** per 8-ounce Bottle
INCLUSIVE OF PURCHASE TAX

Winchester Quarts are no longer available



The Name the
public associates
with Quality
after 32 years of
trial



UNITED CHEMISTS ASSOCIATION LIMITED
UCAL WORKS, CHELTENHAM

An Apology and a Promise

MERCOLIZED WAX

We must apologise to all our retail friends for the long delay in the supply of Mercolized Wax, but we are glad to announce that we expect to have supplies available very shortly. We shall treat all orders fairly and in rotation.

CLYNOL BERRIES FOR OBESITY

We have still sufficient stocks of Clynol Berries to last with care for some time to come without any formal rationing of orders.

Prices: WHOLESALE, 32/- per dozen, plus 5/4 tax; RETAIL, 4/5½d.
(Both on the P.A.T.A. List.)

It would not be wise to delay in placing your order.

DEARBORN (1923) LTD.

Hellidon House, Hellidon, nr. Daventry, NORTHANTS

Always Sells!

THE LIVE LINE
WITHOUT A
DEAD SEASON-

Cuticura
OINTMENT

223

● Cuticura Ointment—and equally popular Cuticura Soap, Cuticura Talcum Powder and Cuticura Shaving Stick—are in demand from January to December. How are your stocks.

NEW ADVERTISED LINE

Shows over 80% profit on first order.
Liquid dentifrice free of abrasive, soap or saponin. Selling rapidly.

Cost per doz. Pur. Tax Selling price, incl. tax
No. 0 size 20/- 6/5 36/- (3/- each)
No. 1 size 36/- 11/7 66/- (5/6 each)
No. 2 size 69/- 22/2 126/- (10/6 each)
£1's worth free with every £6 order net value
(except for purchase tax); pro rata on orders of £12 or £18.

Steiner's Eau Dentifrice

Enquiries to DOBSON & STEINER,
8, Grosvenor St., London, W.1. Mayfair 5245.

No. 3—COSMETIC ORDER

NEAT EMBOSSED NAME AND ADDRESS SLIPS

perfect register of cutting and printing

ARTHUR GREEN, M.P.S.
Broadway Pharmacy
WOLVERHAMPTON

Send for details and samples
WILLIAM SESSIONS, LTD., The Ebor Press, YORK

'SUPER SHAVE' for 'Super' Sales

and for the
perfect BRUSHLESS
shave with
after-shaving
freshness!



RETAILS AT
1/10 4 oz. Jar

Terms on application

LONDON PHARMACEUTICAL LABORATORIES, LTD. 24 THORNSETT ROAD, LONDON, S.W.18

'SUPER SHAVE,' the last word in brushless shaving creams is fast becoming first favourite. . . . Display and recommend 'SUPER SHAVE' and see how it speeds up sales as well as speeding up shaving.

'SUPER SHAVE' represents SUPER VALUE plus QUALITY to merit your confident recommendation. Stock up NOW for steady, satisfactory sales.

BRUSHLESS

SUPER SHAVE

SOAPLESS

Dentesive

THE NEW BETTER TYPE FIXATIVE

"Squeezed from a tube"

HOLDS FALSE
TEETH FIRM



HOLDS FIRMER AND THREE TIMES LONGER
THAN ORDINARY FIXATIVES

Price 1/3d. per tube

Sole Distributors : DON S. MOMAND LTD.
10/15 CHITTY STREET, LONDON, W.I

Make your Brilliantines with
"VEEGOYLE"

The new Liquid Paraffin Substitute, which still retains its clear solution when diluted with water, and "WYNSOMUL"—made perfume is added.

Instructions: Use 1 part VEEGOYLE and 4 parts water.

1, 5, and 10-gall. Drums, 50/- per gall.

"WYNSOMUL"

the new Emulsifier that makes perfumery essences water soluble, giving a clear solution and dispensing with the use of spirit.

7, 14, 28 and 56-lb. drums.

Special quotations to Wholesalers, non-retail Manufacturers and Antiseptic Spray Makers.

ANGLO-DUTCH
PHARMACEUTICAL CO.

56 Viceroy Close, Birmingham, 5

THE ADVANCED WAY TO APPLY IODINE



HERE is a perfect way to apply iodine. Practical, simple—requiring no brush or cotton wool to absorb or waste the iodine. Designed for the pocket, handbag or First-Aid kit, the slim bottle has a fitted fountain-brush head (Patented) with a controlled feed ready for instant and accurate application.

This sensible and ingenious solution of a pack problem fulfils a wartime need and cannot fail to stimulate the sale of a product already in steady demand

LEAK-PROOF SPILL-PROOF
British Patent No. 494991



MINER'S

Appliodine

TRADE MARK

PLEASE NOTE NEW PRICES:

9d. SIZE... 6/- per doz. ... plus 1/- per doz. purchase tax.
1/6 SIZE... 12/- per doz. ... plus 2/- per doz. purchase tax.

CASH DISCOUNT:

5% on half-gross orders. 10% on gross orders.

From your regular wholesaler or direct from Dept. 5
HENRY C. MINER LTD., 7 Stanhope Terrace, W.2.

Protected by the P. A. T. A.

FLORAL COMPOUNDS AND BASES

Specially prepared for manufacturers of Cosmetics in most floral odours by perfumery experts.

The latest creation—

Eros

An ultra modern product in step with the present vogue.

Send for price list and samples—

PENHALIGON'S LTD.

Manufacturing Perfumers

25 Bury Street, St. James's S.W.1

By Royal Appointment.

Established 1873.

PREEMO

PERFUME

ESSENCES

for making up

Beauty & Toilet



PREPARATIONS, PERUFMES, ETC

PREEMO PERFUME ESSENCES

Are highly concentrated with the true odour of the natural flower making them the purest, best and most economical on the market.

PRICE LIST ON REQUEST

EMPTY BOTTLES and JARS
in various sizes

Gum-Tragacanth, Gum Karaya
Castor Oil, Sulphonated Castor Oil

PREEMO & SILKS (Dept. C.D.)
330 Kilburn High Road, LONDON, N.W.
Telephone: Maida Vale 3234

PROMPT DELIVERY FROM STOCK!



STEARIC ACID—TRIPLE PRESSED
STEARIC ACID—POWDERED
STEARIC ACID—SOFT WHITE
WHITE BEESWAX
SPERMACETI—EXTRA QUALITY
CERESINE WAX
JAPAN WAX
LANOLINE—ANHYDROUS
GUM TRAGACANTH—EXTRA
QUALITY
ZINC OXIDE
PERFUMES—CONCENTRATED
EMULSIFIERS—FIVE GRADES
POLISHING WAXES, Concentrated
GLYCERYL MONOSTEARATE

Send now for Price List of Briccas High-grade Raw Materials. All packed in 1-lb. tins.

SPECIAL OFFER

FRAGRANT TONIC HAIR CREAM —MAKES THE HAIR BEHAVE.

1. Briccas "easy-to-follow" formula to comply with new regulations, containing no petroleum products. Produces a perfect white hair cream. Can be made easily and quickly with ordinary household utensils.
2. 160 smart gold seal labels for Fragrant Tonic Hair Cream—as illustrated.
3. Price list of Briccas fine Chemicals.
4. Order Form for Smart Bottles and Jars.

ALL FOR 6/-

MY LADY'S VANISHING CREAM FOR LOVELINESS AND CHARM— DELICATELY PERFUMED.

1. Briccas "easy-to-follow" formula produces a perfect vanishing cream with available materials. Can be made easily and quickly with ordinary household utensils.
2. 160 smart gold seal labels for My Lady's Vanishing Cream—either as illustrated or rectangular size, 2 in. by $\frac{3}{4}$ in.
3. Price list of Briccas fine Chemicals.
4. Order Form for Smart Bottles and Jars.

ALL FOR 6/-

SEND NOW! All materials available. All bottles and jars available. State whether Hair Cream or Vanishing Cream packet required—or both for 12/-. Best Wholesalers sell Briccas High-grade Raw Materials in 1-lb. Tins and Briccas Formulae and Label Packets at 6/- each—or send direct to

BRICCAS LIMITED

4 CAVENDISH PLACE, LONDON, W.I

Telephone: LANGHAM 1183

"SUNDRIES" IN WARTIME

LARGEST STOCKS IN THE COUNTRY
with goods constantly arriving but quickly exhausted. Because of this, an item not supplied would probably be available if included in the next ordering.

34 HANOVER STREET, LIVERPOOL, I

**AYRTON
SAUNDERS
& CO. LTD.**

Combatting “SULPHONAMIDE-FASTNESS”

The value of urea-sulphonamide therapy introduced in this country by the Watford Chemical Co., Ltd., early in 1942, for counteracting sulphonamide inhibitors, has been confirmed by recent clinical reports in America and elsewhere. SULPHAMIDO-UREA, a compound of sulphanilamide and urea, is available in 0.5 grammes tablets. Possesses high bacteriostatic

activity. Used to prevent and treat the increasing number of cases due to sulphonamide-resistant organisms. Can be employed wherever sulphanilamide therapy is indicated and where certain other sulphonamides have proved ineffective. SULPHAMIDO-UREA is now being extensively advertised to the Medical Profession and details will be sent to Pharmacists on request.

SULPHAMIDO-UREA powder for topical application available shortly.



WATFORD CHEMICAL CO. LTD.
50 SOUTH AUDLEY STREET, GROSVENOR SQ., LONDON, W·1
Telephone: Grosvenor 1016

Distributors in Eire: MAURICE FITZGERALD & CO., LTD. 8/9 Temple Lane, Dublin

YOU WILL WANT THIS LINE

PLENTIFUL
ADVERTISING means
PLENTIFUL SALES



Millions of people all over the country will read the striking advertisements for Zubes Cough Cure—your customers will, too. Don't miss your share of the big profits that the resulting good demand will bring. Display Zubes Cough Cure now and see how the demand grows as the winter goes on. It is the ideal repeat line.

ZUBES
COUGH CURE

Retailing at 1/3d. and 2/5d.

Made by
F. W. HAMPSHIRE & CO., LTD.
Manufacturing Chemists
SUNNYDALE, DERBY
(Makers of the famous ZUBES)

"OXOID"

The word "OXOID" is the trade mark of OXO Ltd., and is used in connection with their therapeutical preparations both in tablet and fluid extract form.

ORGANO-THERAPEUTICAL PRODUCTS

OXO LABORATORY PREPARATIONS

VITAMINS

"OXOID" Brand VITAMIN 'B'

Tablets and Ampoules

For the treatment of Polyneuritis, Neuralgia, Sciatica, Nervous Debility, Loss of Appetite, Gastric Intestinal Disorders, &c. Specially useful in cases of B₁ deficiency in Pregnancy and Lactation.

In bottles of 25, 100, 250 and 500 tablets of 1 mg. and 3 mg. Also supplied in ampoules of 5 mg. and 25 mg.

"OXOID" Brand

VITAMINS 'A' & 'D'

Capsules

A safeguard against Infection and a prophylactic against the Common Cold. Also prescribed for rapid adaptation of vision in semi-darkness. Supplies anti-rachitic or "Sunshine" Vitamin during Pregnancy and Lactation, or for Infants.

In tins of 25 Capsules

OXO LIMITED, Thames House, London, E.C.4

OXO LABORATORY PREPARATIONS

THE FIRST SIGNS OF VITAMIN DEFICIENCY ARE

- Excessive TIREDNESS
- Feeling RUNDOWN
- Loss of ENERGY
- Lack of INTEREST

In such cases you can recommend Vykmix with every confidence. It is an advance formula. It contains Vitamin A (4500 I.U.) Vitamin B₁ (300 I.U.) Vitamin B₂ (10 Microgrammes) Vitamin C (500 I.U.) Vitamin D (1000 I.U.) Nicotinic Acid (10 mgms

Vykmix

MULTIPLE VITAMIN CAPSULES

Obtainable from your regular wholesaler.
HOME HEALTH SERVICES LTD
132, Baker Street, London, W.I.

Sphagnol Ointment

FOR DERMATITIS AND ALL SKIN COMPLAINTS

Why not enjoy the large sales of this wonderful preparation. For over 35 years "SPHAGNOL" Ointment and Soaps have regularly been prescribed by the MEDICAL and NURSING PROFESSIONS. The demand is created by every Sale As used by the BRITISH RED CROSS SOCIETY (Prisoners of War Dept.)

- See P.A.T.A. List for Prices & Bonus Terms
- Order through your usual Wholesaler

Sole Manufacturers

PEAT PRODUCTS (SPHAGNOL) LTD.
3 CARMALT GARDENS, LONDON
S.W.15



Established 1860

MANUFACTURERS OF
TABLETS
AND
PILLS
For the
Pharmaceutical
Trade

Richard Daniel & Son
Derby.
LTD.

'Phone: Derby 4266-7-8. 'Grams: Dania Derby

PECTACLE FRAMES
IN ACETATE and GOLD FILLED
NICKEL JOINTS, RIVETS and
JEWELLERY REQUISITES

Our long experience is at your Service

ULES LANG (OPTICAL) LTD.
CHARLTON PLACE, ISLINGTON, LONDON, N.1
Tel.: CANONBUR, 3237 (3 lines)

mens Factory, Old Mill Lane, Hammersmith, W.

NALDEK OINTMENT FOR PILES

ANTISEPTIC : EMOLlient : ASTRINGENT
An efficient remedy for the speedy relief of Piles.
(Formerly known as Dr. Van Vleck's Pile Plasma.)
Stocks now available to the Trade, and all orders
will be executed by return.

NALDEK OINTMENT is packed in one size only.
Retail Price, including tax : 4/-.
TERMS: NALDEK OINTMENT 32/- per dozen.
Purchase Tax 5/4d.

Advertising in the National and Provincial Press
started December 1st.

If you wish to have your name included in our
local advertising as a stockist write to :—

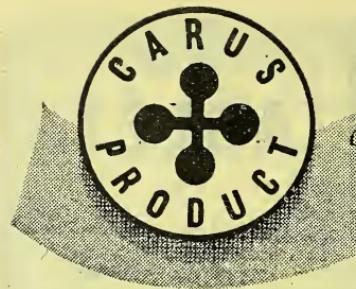
DR. VAN VLECK COMPANY LTD.,
3 Fleet Lane, London, E.C.4.

TRANSOTAPE
CELLULOSE SELF-ADHESIVE TAPE
The perfect airtight closure for all containers
Samples & prices from JOHN COSHERON & CO. LIMITED,
GAYFORD ROAD, LONDON, W.12.

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Optrex Tulle is impregnated with a petroleum - jelly compound containing Balsam of Peru, and Halibut Liver Oil.

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COMPANY MEETING

M. CALTHORPE & Co. LTD.

VIRONITA

M. Calthorpe's Speech at Annual Meeting

The Annual General Meeting of M. Calthorpe & Co., Ltd., was held on Thursday, November 11, at the offices of the Company, at Ossett, Yorkshire. Mr. Maurice Calthorpe, in the course of his speech, said: We are able to record a very satisfactory year. The Company is now beginning to reap some reward for its past endeavours, not in profit—as taxation absorbed all profits above the minimum standard—but in goodwill with the trade and public. The Company is now firmly established, and in a strong position to march forward to still greater achievements.

Our chief aim is to create products which will have the maximum beneficial effect on the consumer, and to this end highly-qualified chemists are constantly engaged on research work. Not only is quality our first consideration but we are ever seeking to benefit from the latest scientific knowledge.

Actual tests carried out with patients by qualified medical men have proved beyond doubt the sound therapeutic value of Vironita.

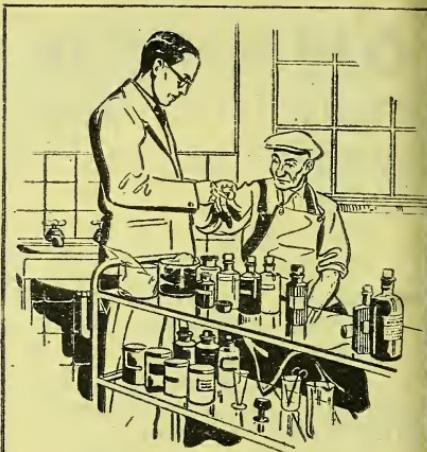
POST-WAR DEVELOPMENT

Development of exports by this country, in the post-war period, will be an essential part of our economic and financial recovery, and also a means for providing employment in place of war production. It is our Company's intention to spare no effort or expense to produce the finest quality products and once the necessary raw materials are available and circumstances permit to develop markets in all parts of the world.

We have now secured National distribution for Vironita, although restrictions on raw materials are such that it is impossible to meet the very heavy demand.

The companies for which we are sole distributors are showing very good promise, but here again the question of supplies restricts development, but the foundation is there for extension as soon as circumstances permit.

The report was adopted.



BEATSON CLARK BOTTLES ON ACTIVE SERVICE

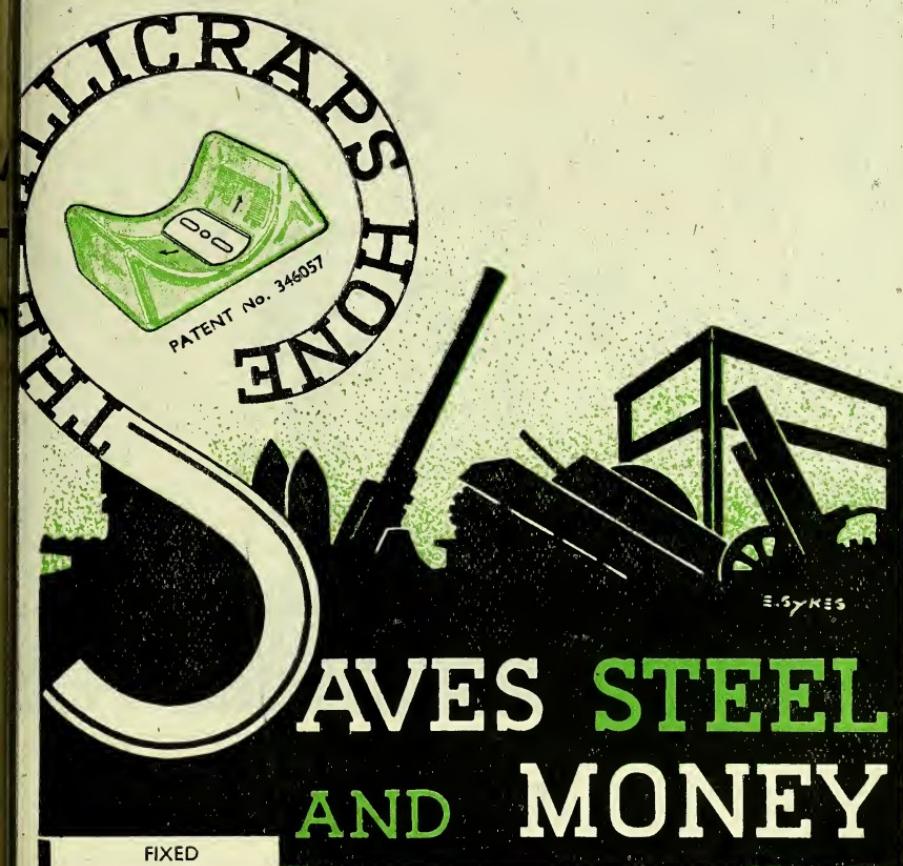
If our bottles never went further than the first-aid and welfare rooms of factories on war work they would still be making an important contribution to the war effort. But this is only a drop in the ocean of the war service they are giving. From North Africa to Russia and from Iceland to the East, Beatson Clark Bottles are doing their bit—a priority rightly monopolising a high proportion of our works output, but bringing nearer the day when Beatson Clark Bottles will be once again "ad lib" to all discriminating users.



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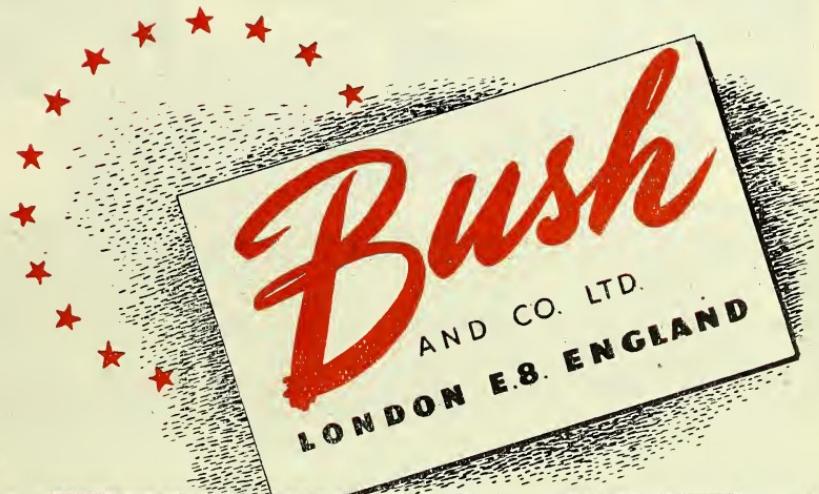


Christmas Greetings

May we express to our friends our sincere appreciation of their splendid co-operation in the unusual conditions we both have met in the year just closing.

For the new year we pledge our utmost efforts, not only to our customers but in everything that serves our country to achieve victory.

IN THAT SPIRIT WE EXTEND THE SEASON'S GREETINGS AND ALL GOOD WISHES FOR THE COMING YEAR



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EXTRACTS SOLID &
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MEDICINAL RESINS, ESSENTIAL OILS**

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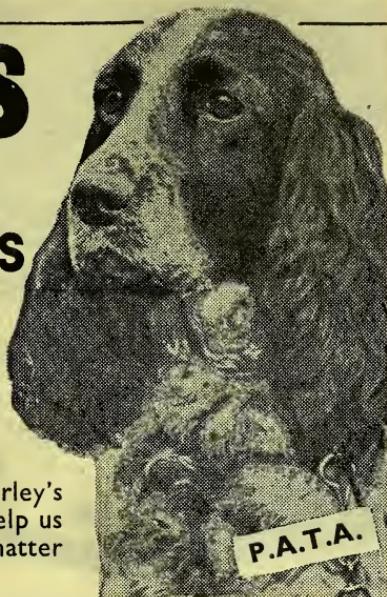
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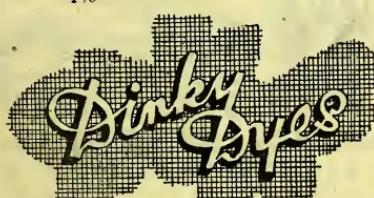
5 gross

less 10%

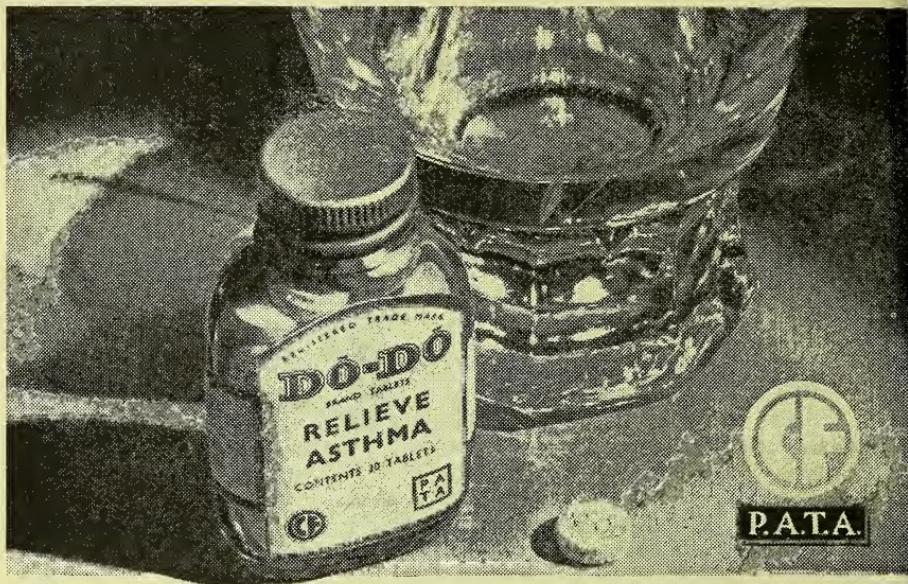
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Satisfaction Guaranteed.

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In grave insomnia and
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Rapid relief from pain with-
out narcotic alkaloids

Analgesic— Relieves or abolishes
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NEWS OF THE WEEK

Banks to Close on January 1, 1944.—Official approval has been given to the service of Saturday, January 1, 1944, a close holiday on Banks in England, Wales, and Northern Ireland. The step has been taken solely to enable the Banks attend to special work on that day, and there will be no general holiday.

Purchase Tax Notice.—Under the special arrangements referred to in paragraph 32 of Notice No. 77, which enable registered traders to export chargeable goods tax free on behalf of unregistered persons through the medium of approved export packers, the responsibility for satisfying the Commissioners of Customs and Excise that the goods have been exported rests on the registered trader. Cases have come to notice where evidence of exportation has not been readily available because the registered traders when forwarding the goods to the approved export packers had not made it clear that the goods were being delivered under the special arrangements. Registered traders taking advantage of the concession should, therefore, in their own

interests, notify the packer that the goods are being sent to him for exportation under the special arrangements described in paragraph 32 of Notice No. 77.

In the Courts.—At Bromyard Police Court, recently, Sam Graham, formerly of Cruxwall Street, Bromyard, was fined 5s., with £2 2s. costs, for selling baking powder not of the quality demanded. The public analyst stated that good brands of baking powder usually contained 12 to 16 per cent. of carbon dioxide; the sample complained of contained only 5·31 per cent.

Doctors Struck Off Register.—The Registrar of the General Medical Council has been directed to delete the following names from the Medical Register: Alfred W. Bevis, Lincoln; William G. Roberts, Liverpool; Richard M. Barrow, Stone; Humphrey M. H. Ashwin, London, S.W.1. The following names were ordered to be restored after penal erasure: Christopher Bastible, Dominic F. Curran, Richard C. Howard, Arthur J. Ireland, Charles L. McHarg, Antony A. Martin, and George A. Mitchell.

West London Joint Meeting.—At a joint meeting of the Western (London) Pharmacists' Association and National Association of Women Pharmacists, held in London on November 3, Dr. A. B. Stokes (superintendent, Mill Hill Emergency Hospital) introduced a cine film on "Neuro-Psychiatry." The film, which was produced at the hospital, deals with latest methods in the treatment of nervous diseases.

Brighton and Hove Association.—At the annual meeting of the Brighton and Hove Association of Pharmacy held recently, the following office-bearers were unanimously elected: *President*, Mr. Donald W. Hudson; *Vice-presidents*, Mr. Cecil V. Brumwell and Miss Frieda Kieldsen; *Treasurer*, Mr. T. Rees Morgan, who is now also Branch *Secretary* for the National Pharmaceutical Union, succeeding Mr. H. R. Gwatkin, who has served for twenty-two years; *Librarian*, Mr. H. B. Mackie; *Secretary*, Mr. Arch Wilson, 13 Hove Park Villas, Hove; *Committee*, Messrs. H. Weston, F. A. Thomas, and S. F. George, Misses M. Burkitt and J. Lacroix, Messrs. J. A. Buckley, W. L. Chatfield and R. A. Shimmin. Members and friends were afterwards entertained to a programme of vocal and instrumental music.

Somerset Branches Secretary Retires.—At a recent meeting of the County of Somerset Branch of the Pharmaceutical Society, members heard with regret that the secretary (Mr. F. Orchard, Highbridge) had been obliged to relinquish office after more than twenty-five years' service to pharmacists in the county. Mr. Orchard's health has been failing for some time but he has agreed, at the urgent request of members, to continue to serve on the committees and give his advice for so long as he is able. The new secretary is Mr. D. H. Moore, Ashcombe Pharmacy, Weston-super-Mare.—Mr. Moore was also, on November 18, appointed secretary of the Somerset County Branch of the National Pharmaceutical Union. Tributes to the work of his predecessor (Mr. Orchard) were paid by many members.

Lecture on Penicillin.—At a meeting of the Birmingham Pharmaceutical Association and Branch of the Pharmaceutical Society held on November 10, Mr. L. H. Teare (president) in the chair, a lecture on "Penicillin" was given by Mr. A. L. Bacharach, M.A., F.I.C. The lecturer described the discovery by Fleming in 1929 of a colony of penicillium producing an antibacterial substance. The original work

on the biological and chemical properties of this substance had been done by Professor Fleming himself at St. Mary's Hospital Medical School, London, and by Professor Harold Raistrick at the London School of Hygiene and Tropical Medicine. The work was subsequently renewed by Professor Florey, who published papers in which he described in detail the large-scale production of metabolite liquid containing a high proportion of penicillin, the name originally given to the antibacterial substance by Fleming. The manufacture of penicillin in this country, said Mr. Bacharach, was controlled by a committee of the Ministry of Supply, and was a genuine war-time collaborative effort in which all technical information was pooled for the common good. Several manufacturing companies and a number of research laboratories were engaged on problems connected with its production and on its chemical nature. After the lecturer had replied to a number of questions, a vote of thanks was proposed by MR. F. R. C. BATESON and seconded by MR. E. C. BENNISON.

Ten-minute Talks at Stoke.—At a meeting of the North Staffs Branch of the Pharmaceutical Society, held at Stoke-on-Trent recently, a series of ten-minute talks were given by members, followed by discussion. Mr. E. CORNER, in "The Future of Proprietary Medicines," traced the progress of these productions from their early days suggesting that Chelsea Pensioner was probably the first of its kind. MR. T. ANSON suggested that after the war the closing hour for pharmacists should be no later than 7 p.m., that Saturday should be the early-closing day, and that all private prescriptions should be marked with the price in plain figures; the suggestions were supported by the meeting. MR. J. A. VAL (a member of the local Insurance Committee) also spoke on the hours of service of pharmacists. MR. R. J. MASON followed on "Poisons," dealing with such aspects as embalming, ordeal by drugs, etc. MR. C. E. TURNER, speaking on "The Twenty-four-hour Pharmacy," mentioned the difficulties of giving round-the-clock service but pointed out that it would solve present rota difficulties and give pharmacists more leisure. MR. G. H. SALT (a Red Cross Commandant) spoke of the functions of pharmacist in the Red Cross organisation describing his duties at First-aid Post, the local emergency hospital, and on exercises. MR. F. WALKLETT gave a talk on "Professional Pharmacy in Relation to Modern Business," dealing with the effect

pharmacy on such modern developments as housing estates away from towns and the transport of large numbers of people from rural to urban districts. A vote of thanks to the speakers was proposed by Mr. R. H. HEATH and seconded by Mr. H. ENBY, both speakers urging that further similar meetings should be arranged.

Eire Drug and Chemical Production.—Speaking on the work of the Eire Emergency Scientific Bureau in the Dail recently, Mr. De Valera (Prime Minister) said that Irish Alcohol Factories, Ltd., had been successfully operating the plant designed by the Bureau for the production of formalin. Investigations on the technical aspects of ensuring certain medical supplies had been completed. Digitalis produced from Irish-grown plants was being standardised and tested clinically, and its manufacture had been undertaken by an Irish firm. All the equipment for invert sugar saline had been acquired by a commercial firm. Pharmaceutical glycerin of high quality was produced on a large scale by a commercial concern with the help of the Bureau. The survey of marine algae had been taken over by the Industrial Research Council. The Bureau's work on this problem was chiefly connected with obtaining algae suitable for use as a substitute for agar; a commercial firm was now in a position to manufacture agar of high quality. Problems had been successfully examined in regard to adhesives, including casein adhesives, and a mucilage from waste arbor seeds. Production methods for acetone had been developed, but were held in reserve against a fresh deterioration in the supply position. The Bureau had cooperated in large-scale experiments carried out by a commercial firm on the use of avoca pyrites for the manufacture of sulphuric acid.

Irish Drug Association.—Mr. F. X. Meagher (president) was in the chair at the second November meeting of the committee of the Irish Drug Association. The wholesale section wrote intimating that railway receipts must accompany all claims for refund of carriage charged on returned empties. A recent Dublin newspaper advertisement for cod liver oil by a well-known Dublin store was the subject of discussion. The president and Mr. B. Smith (organiser) interviewed the managing director of the store, and a special meeting of the wholesale drug trade was held. The wholesalers verified that the Association's retail prices were being maintained by the store, and

were informed that the prices in the advertisement were trade prices only. No action could therefore be taken in the matter at present. On the proposal of Mr. G. C. O'NEILL, seconded by Mr. G. A. McLEAN LEE, sums of £5 5s. were voted to the Pharmaceutical Chemists' and Students' Camogie Club, and to the expenses of the dance committee of the Pharmaceutical Society's Benevolent Fund. Members of the Association were notified that, as sugar confectionery comes under Government control, medicated confectionery must be labelled with the word "Medicated" on the jar or container from which it is sold. Non-medicated confectionery must have the controlled retail price clearly marked. Retail prices are unchanged, but exceeding the standard price of non-medicated confectionery, the Committee pointed out, constitutes an infringement of the Order. Price labels and slips for medicated confectionery can be had from the manufacturers. The Committee wish it to be noted that employees working on a Bank Holiday must be compensated by (a) a full day's pay in addition to the ordinary weekly salary for the week in which the Bank Holiday occurs, or (b) a full day's leave within a week of the holiday, even when the period of work on the Bank Holiday is restricted to two hours. In addition, the employee is entitled to one half-holiday in the Bank Holiday fortnight.

Manchester Discusses Beveridge.—A meeting of the Manchester Pharmaceutical Association and Branch was held on November 9, when Mr. F. W. Adams (deputy secretary of the Society) gave an address on "Pharmacy and the Beveridge Report." Mr. H. Brindle presided. Mr. ADAMS said a comprehensive medical service was not simply an extension of National Health Insurance. Its services must include domiciliary and medical treatments, local public health, hospitals, specialists, clinics (maternity and child welfare, school medical, preventive medical) and convalescence and rehabilitation services. Replying to questions, he declared the Society, in conjunction with other interested bodies, would seek to find out from the Government what their proposals were for a pharmaceutical service, and how they intended to carry them into effect. The professional standing of pharmacy would no doubt be enhanced by the entrance of pharmacists with degree qualification into retail business, but pharmacists as a body must conduct themselves as professional men before they received recognition as such.

BIRMINGHAM ANALYST'S REPORT

THE annual report of the Birmingham City analyst for the year 1942, recently published, deals with foods, milk, drugs, fertilisers and water samples. Among the drugs tested were nine samples of baking powder reported against for containing less than the generally accepted standard of available carbon dioxide. A sample of so-called banana spread, claimed to be free from sugar and starch and therefore to be suitable for use by diabetics, was found to contain 10 per cent. cane sugar; the suppliers were cautioned and retailers' stocks withdrawn. Two samples of boric acid ointment from a single vendor contained only 8·5 per cent. boric acid instead of the requisite 10 per cent.; the whole of the retailers' stocks were returned and replaced.

"Cordials"

A sample labelled "grapefruit-flavoured cordial" consisted of an artificially-flavoured 1·8 per cent. solution of citric acid, 98 per cent. consisting of water; in addition, the "cordial" was badly made, since the flavouring essence, which should have been in solution, rose to the surface on standing. A "lime-flavoured cordial" consisted of an artificially flavoured 20 per cent. solution of phosphoric acid. The stock of the lime-flavoured cordial was withdrawn from sale and returned to the makers. The vendor of the sample of grapefruit-flavoured cordial deleted the word "cordial" from the labels and proposed to sell the article under a trade name. Three samples of formalin tablets were deficient in paraformaldehyde content. It was found that the deficiency was due to the tablets having been kept too long in stock, and they were withdrawn. A proprietary brand of headache and influenza powder, the formula of which was given on the label, was found to contain only 2 per cent. of quinine ethyl carbonate instead of 10·85 per cent., as stated on the label. A director of the manufacturing firm stated, in an interview, that quinine had now been omitted from the formula and new labels would be issued. A sample described as "vitaminised orange . . . the perfect substitute," and also as "genuine orange substitute," consisted of 10 per cent. solution of citric acid, sweetened with saccharin and flavoured, but containing no vitamin C. Inquiries were instituted, and it was found that, since the coming into force of the Food Substitutes Order, the manufacturer had gone into voluntary liquidation,

An Unofficial Chemical Food

The actual amounts of calcium phosphate and colloidal iron found in an "improved chemical food" were 0·27 and 0·02 instead of 1·4 and 0·075 per cent., as stated on the label. The makers of the article were communicated with and agreed that chemical food made according to the "improved" formula did not keep, both iron and calcium phosphates being precipitated in the course of two or three weeks. Two other samples of Parrish's chemical food from the same manufacturer had approximately correct amounts of ferrous sulphate and calcium phosphate, according to the label, but the formula was not in conformity with the official preparation for which Parrish's food is a synonym. The makers agreed to supply the B.P. article in future. Stocks of ammoniated tincture of quinine, of which five samples were reported against on account of deficiencies in ammonia content varying from 14 to 35 per cent., were withdrawn from sale. The vendor of a stock of Rochelle salt, which was found to contain about 18 per cent. sodium bicarbonate, destroyed the stock and substituted new material. The vendor of a preparation sold as "liquid saccharin" and consisting of 1 per cent. solution, the sale of which is forbidden under the Saccharin (Control and Maximum Prices) Order, also destroyed the stock. A sample of sulphur ointment which contained an excess of 15 per cent. of sulphur was withdrawn, although the makers contended that there was no prescribed limit for the amount of sulphur in the ointment and that therefore variations could not be regarded as serious. The makers' contention was, of course, inaccurate.

Makers Knew Nothing of Analysis

A sample of "malt vinegar," bought in the County area, was found on analysis to consist of artificial vinegar and to contain 11·5 per cent. excess water. A sample taken by the City analyst was also composed of artificial vinegar and was 15 per cent. deficient of the minimum amount of acetic acid. The wholesale dealers stated that they bought the material as vinegar and sold it as they received it. The makers, who were then written to, replied that 15 per cent. deficiency was practically impossible. They defended the label. From other statements made in the letter it was obvious that the makers knew nothing of chemical analysis and a later letter admitted that the samples had deteriorated.

TOPICAL REFLECTIONS

d Regulations

The new Regulations concerning the selling and advertising of foods (p. 548) should receive the careful attention of the manufacturers and vendors concerned. As apply, it will be seen, to foods only, whereas Section 6 of the Food and Drugs Act, 1938, which they replace, applies to foods and drugs. One would have thought that the extension of the grounds of offence under Section 6 (1) to the simple display of a label could have been effected without so much elaboration, and that the prohibition of misleading statements about nutritional values was already provided for in the context of the comprehensive words "nature, substance or quality" in the same section. Again, as if the prohibition of these misleading statements was not sufficient, power is conferred on the Minister of Food to restrict by Order the making of claims or suggestions of the presence of vitamins or minerals in foods. I am not sure what is meant by the expression, "the common or usual name (if any) of any food"; even a "no-name" tobacco is cued from anonymity when it is so called. The requirement to declare the portions of vitamins and mineral ingredients if they are present in food is of interest, in view of the distinction drawn between foods and medicines in Section 17 (c) of the Pharmacy and Medicines Act, 1931. It only remains to be hoped that the new regulations will not cause more trouble than they are worth, and that the Government's nutritional policy, referred to in our editorial comment, will work without friction.

Patulin

The ample data that you have published on the nature and effects of patulin (pp. 549, 550) will suffice to give chemists in business an opportunity to answer certain inquiries at the counter. Further investigation of this promising substance is safe in the keeping of the Therapeutic Research Corporation, a body not in danger of being swayed by any dubious evidence. Since you went to press with your last week's issue, a "Lancet" report of "complete failure" with patulin in cases of common cold has been summarised in "The Times." It appears that during last August and September three medical doctors treated fifty out of one hundred "cold" patients with a solution of patulin and the remaining fifty with a solution of "salt" (presumably common

salt). Each solution was applied nasally. The two groups were "closely comparable" in their pre-treatment symptoms. The proportion of cases showing improvement after treatment was substantially the same in both groups, as also was the number of patients who thought they noticed an improvement. These results have not been used for the purpose of depreciating the claims made by the other observers referred to; but the suggestion is made that colds may be caused by various types of microbes, not all of which are susceptible to the influence of patulin. This is the correct attitude to take, and leaves the matter open for further clinical trials. A point worth noting is that "The Times" devotes an editorial to the discovery under the title "The Elusive Cold," in which it states that "If patulin—under its trade name, Tercinol—fulfils its early promise, it will effectively answer the criticism that doctors are little interested in colds."

A Footnote on Pringle

The reference in this section of last week's issue to the pioneer work of Sir John Pringle may be supplemented by an incident in his career that I found a day or two later in the "Recollections and Reflections" (1936) of Sir Joseph Thomson, O.M. In 1772, the Royal Society appointed a committee, which included Henry Cavendish and Benjamin Franklin, to report on the best method of protecting buildings from lightning. The committee was in favour of pointed conductors, only one member dissenting as to the shape. Not long afterwards war broke out between this country and the American colonies, and Franklin thereupon became technically a rebel. What was to be done about the lightning conductors? The question came to the notice of George III: he ordered that those on his palace at Kew be replaced by others with flat upper terminals, and tried to induce Sir John Pringle, at that time president of the Royal Society, to support the action. Sir John, however, replied that the laws of Nature were not changeable at Royal pleasure. As a result it was intimated to him, on the highest authority, that a president of the Royal Society who held such views ought to resign; and he did. This was not the first time in history that science had been confronted, and thwarted, by sheer stupidity—not, I fear, was it the last. Are we quite sure, even now, that such a "gaffe" cannot recur? **Xrayser**

COMPANY NEWS

GOSFORTH PACKING CO., LTD. (P.C.).—Capital £200. Packers and manufacturers of and dealers in chemical and medicinal products, etc. G. E. P. Wilson and H. D. G. Hardie, directors.

SOUTHAMPTON DENTAL LABORATORIES, LTD. (P.C.).—Capital £500. Manufacturers of artificial teeth, etc. B. W. G. and Mrs. W. M. Jackson, directors. R.O.: Redlands, Redhill Close, Southampton.

JOHN BRENT, LTD. (P.C.).—Capital £1,000. Dealers in human and animal foodstuffs, oils, acids, fertilisers, etc. John C. Brent, director. Solicitor, Owen M. Davis, 4 Finsbury Square, London, E.C.2.

TOMACK LABORATORIES, LTD. (383,896).—(P.C.).—Capital £1,000. Manufacturers of and dealers in chemical and pharmaceutical products, etc. Directors not named. R.O.: 22 Charing Cross Road, London, W.C.2.

PETROLEUM EXPLORATION, LTD. (P.C.).—Capital £500,000. Producers, refiners, etc., of petroleum and other oils, etc. Directors to be appointed. Solicitors: Waltons & Co., 101 Leadenhall Street, London, E.C.3.

EVANS SONS LESCHER & WEBB, LTD..—Mr. A. J. Jones and Dr. D. Riding have been appointed directors.

PLYMOUTH CO-OPERATIVE SOCIETY, LTD..—Sales in the pharmacy department during the half-year ended September 30 amounted to £40,575, an increase of 47·1 per cent. over sales in the corresponding six months of 1942. A dividend of 1s. 8d. in the £ has again been paid.

GENATOSAN, LTD..—A final dividend of 15 per cent. has been declared on the ordinary shares, making 25 per cent. for the year (same as last year). Trading profit amounted to £113,271 (£130,474). Charges included depreciation, £25,262 (£15,051); taxation, £51,528 (£80,095); forward, £18,519 (£14,013).

TIMOTHY WHITES & TAYLORS, LTD., and associated companies.—Trading profit of Timothy Whites & Taylors, Ltd., for the year ended December 26, 1942, amounted to £439,778, against £436,710 in 1941. Net profit was £137,077, against £136,535. Dividend on ordinary capital is maintained at 30 per cent. for the year, leaving a balance of £77,685, against £76,327 brought in. Results for 1942 of four subsidiary companies were (1941 figures in paren-

theses): **TAYLORS (CASH CHEMISTS) TRUST LTD.**.—Revenue, £77,590 (£70,934); income tax, £38,796 (£35,469); preferred dividend 8·522 per cent. (7·415 per cent.); deferred dividend, 10·416 per cent. (9·062 per cent. forward, £14,290 (£13,695)). **TAYLORS (CASH CHEMISTS) LONDON, LTD.**.—Profit, £94,212 (£96,422); depreciation, £5,968 (£6,349); taxation, £64,100 (£62,000); preferred dividend, 4·16 per cent. (5·54 per cent. deferred dividend, 4·62 per cent. (6·16 per cent.); forward, £6,300 (£6,270)). **TAYLORS (CASH CHEMISTS) MIDLAND, LTD.**.—Profit £81,271 (£88,487); depreciation, £4,442 (£4,759); taxation, £56,000 (£66,400); ordinary dividend, 12½ per cent. (same deferred dividend, 28½ per cent. tax free (24½ per cent.); forward, £12,728 (£12,691)). **TAYLORS DRUG CO., LTD.**.—Net trading profit, £144,686 (£156,282); depreciation, £8,740 (£10,755); taxation, £81,300 (£93,800); ordinary dividend, 8¾ per cent. (8 per cent.); forward, £8,561 (£8,277).

DELETED FROM REGISTER.—“The London Gazette” notifies that Bridgnorth Pharmacy, Ltd., J. J. Barker (Chemists) Ltd., and Therap Ray, Ltd., have been struck off the Register of Companies.

ADJUSTMENT ORDER.—George Edward Oakley, M.P.S., 31 Eastbourne Avenue, Acton, London, W.3, formerly carrying on business at 200 Horn Lane, Acton, W.3, adjustment order granted under the Liabilities (War-time Adjustment) Act, 1941.

PARTNERSHIPS DISSOLVED.—The partnership between William Spencer Howell, M.P.S., and Ernest Ratcliffe, M.P.S. carrying on business as chemists and druggists at 14 Ealing Road, Wembley, Middlesex, under the style of E. Ratcliffe, was dissolved on October 1. Debts due and owing will be received and paid by Ernest Ratcliffe.—The partnership between Henry Greenwood Bairstow, M.P.S., and Herbert Yates, M.P.S., carrying on business as chemists and druggists at 411 Bolton Road, Salford, 6, under the style of H. Bairstow, Chemist, was dissolved on September 30. The business will be continued by Herbert Yates.—The partnership between Charles Edward Sage, F.I.C. F.C.S., Ph.C., A.M.I.Chem.E., and Sidney George Edward Stevens, B.Sc., F.I.C. analysts, 123 Coldharbour Lane, Camberwell, London, S.E.5, was dissolved on September 30.

TRADE NOTES

season for Restricted Allocations.—International Chemical Co., Ltd., Braydon Road, London, N.16, point out that the reduced allocations of Pineate syrup to retailers occasioned by restrictions on, not exhaustion of, honey supplies.

Reduced Prices.—Duncan, Flockhart & Edinburgh and London, announce they have been granted permission to manufacture pure chloroform from duty-alcohol and are therefore able to offer varieties: Chloroform pure ex ethylic alcohol and chloroform Blue Label at reduced prices, which are listed on another page.—Keen Robinson & Co., Ltd., Carrow Works, Norwich, direct attention on another page in this issue to reduced prices for Keen's patent barley.

Supplies Available.—G. W. Carnrick Co. (distributors, Brooks & Warburton, Ltd., 232 Vauxhall Bridge Road, London, S.W.1) state that ample supplies are available of Hormotone T, and chemists are invited to replenish stocks without delay. An apology is offered by Dearborn (1923), Ltd., Hellidon House, Hellidon, near Stevenage, Northants, that delays have occurred in supplying Mercolised wax to their customers, but further supplies are expected shortly, and all orders are being dealt with in rotation. Ample stocks of Sol Berries are available.

Overcoming "Sulphonamide-fastness."—Watford Chemical Co., Ltd., 50 Southgate Street, London, W.1, publicise in this issue Sulphamido-urea, a compound of phenylamide and urea, which is available in 0.5-gm. tablets for the prevention and treatment of cases due to sulphonamide-resistant organisms. It is claimed that sulphonamide inhibitors are counteracted, and preliminary reports indicate that sulphonamide bacteriostasis is increased and that toxic reactions are less pronounced with this combination. Sulphamido-urea is to be issued shortly in powder form, as American workers have demonstrated the value of such preparations for pyoderma. When the preparation is locally applied to freshly contaminated wounds, the need for surgery may be delayed and, after debridement, its implantation permits primary closure.

Insulin Colour Code.—From January 1, all British-made insulin packings will conform to a standardised design and colour scheme, in which each type and strength, of what-

ever make, will be readily identifiable. The unit strength per c.c. will be displayed in bold figures on both label and carton. This safeguard against confusion has been made possible by collaboration between the manufacturers concerned (Allen & Hanburys, Ltd., Boots Pure Drug Co., Ltd., The British Drug Houses, Ltd., and Burroughs Wellcome & Co.), after consultation with leading authorities and with the approval of the Ministry of Health. The manufacturers regret that they are unable to exchange, relabel or credit existing packings, and customers are recommended to keep stocks at a minimum level until the new packings are available. An explanatory card, printed in colours, is obtainable from any of the manufacturers on request.

Business Changes

ST. AUSTELL CO-OPERATIVE SOCIETY, LTD., has taken over Michell's Pharmacy, Ltd., 35 Fore Street, St. Austell, Cornwall.

MR. JAMES F. CONWAY, Flat No. 1, 180 The Rye, Dulwich, London, S.E.22, has been appointed to represent Meggeson & Co., Ltd., in the South London area.

MR. KENNETH E. WHITE has taken over the pharmacy of the late Mr. H. E. Allenby, Ripley, Surrey.

Proprietary Articles Trade Association

Alterations to Protected List.—*Eli Lilly & Co., Ltd.* Betalin S brand synthetic vitamin B₁, ampoule No. 304, 1-mgm., 1-c.c., 12's, 37s. rod. doz., tax 6s. 4d. rod. doz., inclusive retail price 5s. 0½d.; 25's, 75s. 7d. rod. doz., tax 12s. 7½d. rod. doz., i.r.p. 10s. 1d.; 100's, 19s. 7d. each, tax 3s. 3½d., i.r.p. 31s. 3½d. Ampoule No. 305, 6-mgm., 1-c.c., 6's, 48s. 4d. rod. doz., tax 8s. 1d. rod. doz., i.r.p. 6s. 5½d.; 25's, 159s. 7d. rod. doz., tax 26s. 7d. rod. doz., i.r.p. 21s. 3d.; 100's, 48s. each, tax 8s., i.r.p. 76s. 6d. Ampoule No. 317, 10-mgm., 1-c.c., 6's, 73s. 6d. rod. doz., tax 12s. 3d. rod. doz., i.r.p. 9s. 9½d.; 25's, 21s. 4d. each, tax 3s. 7d., i.r.p. 34s. 1d.; 100's, 77s. each, tax 12s. rod., i.r.p. 122s. rod. Ampoule No. 321, 30-mgm. per c.c., 5-c.c. rubber-stoppered vial, 84s. rod. doz., tax 14s. rod. doz., i.r.p. 11s. 2d. Tablets, No. 1593, 0.1-mgm., 40's, 1s. 4d., 11s. 2d. rod. doz.; 100's, 2s. 8d., 22s. 5d. rod. doz.; 500's, 10s. 6d., 88s. 2d. rod. doz.; 1000's, 19s. 6d., 163s. rod. doz. (exempt from tax). Tablets, No. 1594, 1-mgm., 40's, 3s., 25s. 2d. rod. doz.; 100's, 6s., 50s. 5d. rod. doz.; 500's, 24s., 16s. rod. each (exempt from tax). Tablets, No. 1599, 3-mgm., 40's, 4s. 6d., 37s. rod. doz.; 100's, 9s., 75s. 7d. rod. doz.; 500's, 36s., 25s. 2d. rod. each (exempt from tax). Tablets, No. 1604, 6-mgm., 40's, 8s. 3d., 69s. 4d. rod. doz.; 100's, 16s. 6d., 138s. 7d. rod. doz.; 500's, 65s. each, 45s. 6d. each (exempt from tax).

BIRTHS

FORD.—On November 15, Dorothy, the wife of Lieutenant Alan T. B. Ford, managing director of T. H. Ford, Ltd., drugists' sundriesmen, 13 Aldersgate Street, London, E.C.1, of a son.

HORTON.—At Cedar Court Nursing Home, Sutton, on November 24, the wife of Robert Denis Horton, M.P.S., 9 The Spinney, North Cheam, Surrey, of a daughter (Jennifer Mary).

DEATHS

BAXTER.—At a nursing home in Edinburgh, on November 24, Mr. Alexander Cooper Baxter, Ph.C. (W. King & Son, 142 Marchmont Road), 9 Findhorn Place, Edinburgh. Mr. Baxter qualified in 1901 and passed the Pharmaceutical Chemist examination the following year. He had been in business in Marchmont Road since 1905. Some years ago he acquired the nearby business of W. King & Co.,

COTTLER.—In action recently, Mr. William Waterson Cottle, M.P.S., Beauclair Drive, Liverpool. Mr. Cottle was one of two brother pharmacists, and served his apprenticeship with Mr. W. H. Humphreys, M.P.S. (an ex-chairman of the Liverpool Chemists' Association), at Allerton Road, Liverpool. He qualified at Edinburgh in 1941. Becoming a Sergeant-navigator in the Royal Air Force, Mr. Cottle had only recently been awarded a commission. His brother, Harry, is now serving in Canada.

DAVIES.—At Finchley Memorial hospital, on November 26, after a short illness, Mr. Herbert Davies, 123 Holden Road, Woodside Park, London, N.12, late partner in Slann & Davies, drug merchants, 24 Lime Street, London, E.C.3, aged sixty-seven.

DUGGAN.—At his residence, Raheny, Dublin, recently, Mr. William Smith Duggan, Ph.C., aged eighty-one. Mr. Duggan was one of the oldest qualified pharmacists in Ireland, having become a Licentiate in 1887. He entered the profession as an apprentice at Grindley's Medical Hall, Westland Row, Dublin, and spent some years as an assistant in Drogheda. In 1890 he acquired Lyon's Pharmacy, Parnell Street, Dublin (then known as Great Britain Street), and for almost half a century carried on business there, retiring three years ago.

EVANS.—On November 7, Mr. Edgar Michael Evans, Marshfield, Carmen Sylva Road, Llandudno, aged seventy-eight. Mr. Evans qualified as a chemist and druggist in 1886.

FRASER.—At Corrydon, Moffat Road, Dumfries, on November 16, Janet Fraser, widow of the late Mr. John Fraser, M.P.S., 84 High Street, Dumfries.

HOLT.—On November 28, Mr. William Holt, M.P.S., 71 Ramsgreave Drive, Blackburn, aged ninety-three. Mr. Holt, the *dox* of pharmacists in N.E. Lancs, was dispensing at Blackburn Royal Infirmary for thirty-four years, a former president of Blackburn Chemists' Association, and had served on the Association committee for a long period. He qualified in 1902. Almost to the last he took a keen interest in his profession. In 1875 he started a business in Penny Street, Blackburn, which is now conducted by his son, who is also a former president of the local Chemists' Association.

JONES.—Recently, Mr. Thomas William Page Jones, M.P.S., 7 Archer Road, Penarth, Glamorganshire. Mr. Jones qualified in 1913.

KIDSTON.—At Whetstone, London, N.19, on November 19, Mr. William Miller Kidston. With Mr. G. E. Cary, Mr. Kidston founded in 1905 the business of W. M. Kidston & Co. (later changed to Gough Kidston & Co.), gum, wax and tannin materials importers. He retired in 1938.

MCLEOD.—At Knockbreck, Tain, on November 16, Catherine Connal McLeod, widow of the late Mr. J. P. McLeod, M.P.S., Tain.

MCVITAE.—At the interment at Cathcart Cemetery, Glasgow, of Mr. John Brough McVitae, M.P.S., whose death was reported last week (p. 540), pharmacy was represented by Dr. Joseph Tait (Pharmaceutical Society's resident secretary in Scotland) and Messrs. Thomas Guthrie (a past-president of the Society); A. B. Gilmour (Drug Accounts Committee); S. G. Home (Chemists' Friendly Society); W. S. Phillip (Secretary, Glasgow Burgh Insurance Committee); William Jones (Glasgow Public Health Department); and Peter Ferguson (Chairman, Glasgow Pharmaceutical Committee).

METHERELL.—On November 21, Mr. John Metherell, Ph.C., 101 Western Road, Brighton, aged seventy-seven.

POULTON.—At Wykeham House, Oxford, on November 20, Sir Edward Bagnall Poulton, D.Sc., F.R.S., a former president of the Linnean Society and of the British Association, aged eighty-seven.

WITHERS.—On November 2, Mr. Edgar Withers, M.P.S., 9 Market Street, Faversham, Kent. Mr. Withers qualified in 1890.

PERSONALITIES

Mr. A. GREENWOOD WATKINS, M.P.S., has been installed W.M., Ellington Lodge of Freemasons (1566).

Mr. PERCY WILSON, M.P.S., was on November 27 installed S.W. Master Elect of the Lodge of Truth (1458), Bridge Street, Chester.

Mr. E. F. ARMSTRONG, F.R.S. (a past-president of the British Association of Chemists) was recently elected president of the Royal Society of Arts.

Mr. ERNEST H. COOPER, chairman and managing director of Gillette Industries, has been appointed public relations officer of the Government of Northern Ireland in London.

Mr. ALBERT EDWARD DAVIES has been appointed mayor of the mining town of Que, Southern Rhodesia. Mr. Davies, native of Rhyl, qualified as a chemist and dentist in this country in 1929.

PROFESSORS L. J. WITTS (Nuffield Professor of Clinical Medicine, University of Oxford) and J. R. Learmonth (Professor of Surgery, University of Edinburgh) have been appointed members of the Medical Research Council.

MRS. D. J. BAILEY, J.P., M.P.S., a vice-president of Blackpool Chamber of Trade, has resigned his position as a member of the executive of that body after forty-two years' membership, twenty-two spent on the executive.

Mr. W. E. PHILLIPSON, M.P.S., contributed a letter to the "Daily Dispatch," Winchester, on November 22, in which he pointed out that the services of pharmacists employed in the research departments of manufacturers of medicinal products were being lost to the country when they were posted into the Royal Army Medical Corps.

RECENT WILLS

Mr. SAMUEL MATTHEW WALFORD, Dumfries, Butley, nr. Macclesfield, Cheshire, formerly governing director of Walford & Sons, Ltd., essence distillers, Manchester, died on March 12, left £23,785, with personalty £12,954.

MR. GEORGE WILLIAM MITCHELL, Amerton House, Avenue Road, Doncaster, Yorks, a director of Yorkshire Tar Distillers, Ltd., and South Yorkshire and Derbyshire Co., who died on July 5, left £49,024, with net personalty £45,629.

COMING EVENTS

Sunday, December 5

MANCHESTER PHARMACEUTICAL ASSOCIATION. Ramble around Birch Vale. Meet London Road Station, 9.30 a.m. Book Birch Vale return. Carry lunch.

Tuesday, December 7

GLASGOW AND SOUTH-WESTERN SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, Highlanders' Institute, 27 Elmbank Street, Glasgow, at 6.15 p.m. Whist drive in aid of soldiers' gift fund. Tickets 3s. 6d.

MANCHESTER PHARMACEUTICAL ASSOCIATION AND BRANCH, Onward Hall, 207 Deansgate, Manchester, at 7.45 p.m. Mr. G. H. Haines, Ph.C., and Mr. Robson, M.P.S., introducing a discussion on "Looking Forward: Pharmacy in 1953."

Wednesday, December 8

LEEDS BRANCH, PHARMACEUTICAL SOCIETY, Metropole Hotel, Leeds, at 3 p.m. Mr. H. G. Shaw (a member of Council) on "What Do We Expect from Pharmacy?"

Thursday, December 9

LEICESTER BRANCH OF THE PHARMACEUTICAL SOCIETY, Church House, St. Martin's East, Leicester, at 6 p.m. Reports from delegates. Discussion on post-war policy.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, 17 Bloomsbury Square, London, W.C.1, at 5 p.m. Special general meeting for election of seventeen annuitants.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, 17 Bloomsbury Square, London, W.C.1, at 7 p.m. Mr. Arthur Mortimer, O.B.E., M.P.S. (Deputy Director of Medical Supplies, Ministry of Supply), on "The Ministry of Supply and its Relation to the Pharmaceutical Industry."

Friday, December 10

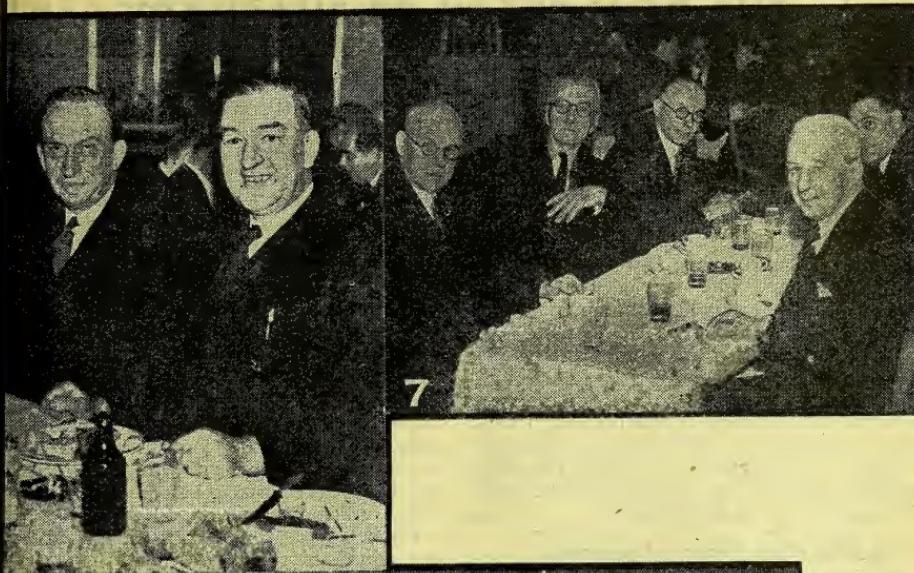
ROYAL INSTITUTION, 21 Albemarle Street, London, W.1, at 4.30 p.m. Dr. H. W. Florey (Professor of Pathology, University of Oxford) on "Penicillin: Its Development for Medical Uses."

C. & D. QUIZ NO. 16

1. What is lana Batu grass?
2. What is the derivation of the word catechu?
3. Who wrote "Excellent herbs had our fathers of old"?
4. What is faex medicinalis?
5. What are Brodies gout pills?
6. What is cicutine?
7. What is gum animi?
8. What is cineole?
9. What is guapi bark?
10. What is herbygrass?

(Answers on p. 581)





LUNCHEON TO C.F. MANUFACTURERS IN LONDON
1. Messrs. J. J. Laurence and J. F. Rogers. 2. Mr. A. R. Melhuish (treasurer, National Pharmaceutical Union).
3. Messrs. W. W. Atkinson and S. C. Springett.
4. Messrs. E. Cundall and F. W. Blenkinsop. 5. Messrs. R. Julliard and R. W. Bee. 6. Mr. G. A. Mallinson (secretary, N.P.U.). 7. Messrs. C. Dean, J. Evans, H. N. Bream, A. C. Cartwright and F. J. White.
8. Messrs. H. F. Stapley and T. M. Proudfoot. 9. Messrs. T. Heseltine (chairman, N.P.U.) and J. D. Bohn (president, Chemists' Friends Association). 10. Messrs. W. J. Tristram and W. E. Elder. 11. Messrs. E. C. Cripps and S. M. Netherway.

THE DEMOCRACY OF PHARMACY

THE speaker at a meeting of the Aberdeen and North-eastern Scottish Branch of the Pharmaceutical Society, held in Aberdeen on November 18 was Mrs. J. K. Irvine (a member of Council). Her theme was "The Democracy of Pharmacy." Mr. A. A. Meldrum (chairman of the Branch) presided. Mrs. Irvine said:—

I hope to show that, not only does present-day pharmacy function as a democratic machine, but its very existence depends on determined adherence to the principles of democracy. Democracy is a form of government in which the people rule themselves, either directly or through their elected representatives; supreme power is in the hands of the people. Pharmacy functions as a democratic machine because the governing body, the Pharmaceutical Council, is elected by the free democratic vote of its members.

When Pharmacy Became Democratic

Pharmacy began to function democratically when the present Branch organisation was adopted by the Society's Council in 1922, but could not be said to be entirely democratic until, with the passing of the Pharmacy and Poisons Act, 1933, the Pharmaceutical Society of Great Britain became a statutory body charged with the administration of an Act of Parliament, and with compulsory membership of all pharmacists who wished to practise their profession.

The Pharmacy and Medicines Act of 1941 (Section 12) gave to the Pharmaceutical Society the administration and control of medicines as distinct from its former control of poisons only. The Council not only has legal control over members of the Society in the practice of their profession but, with the rules for professional conduct as set out in the code of ethics, is building up an internal professional control that may in time be enforced on members by the Statutory Committee.

Conditions for Democratic Working

An institution may be democratically constituted without any guarantee that it will function democratically; the only guarantee of the democratic ideal is for every member of the craft to take an active interest and part in its affairs. Surely the function of the Council is to focus and co-ordinate the expressed instructions of the electorate, and to carry them out so far as it can. The ultimate responsibility

for the policy and future of pharmacy depends upon the individual member. The first essential is that the Branch should have a live and active secretary, that members should assist him by attending meetings, helping to organise the Branch and arrange scientific and social meetings. There is practically no limit to the pharmaceutical reforms which the pharmacists of this country could introduce and carry out if they would think and act collectively instead of as individuals. Twenty-five thousand pharmacists, speaking with one voice through their Branches to their elected representatives, could so direct policy that the Council in its turn would be under no misunderstanding regarding the aims of the calling. The price one has to pay for a democratic machine is the time-lag that takes place before the machine gains sufficient impetus and power to impel a Government to take action. At present the community has before it a plan on which democracy is making its voice heard in no uncertain terms: the Beveridge plan, Assumption B of which relates to a comprehensive health and rehabilitation service for every person, irrespective of income. The money would come from a Social Insurance Fund, under which the health departments would organise the new service.

Pharmacy's Place in Medical Scheme

The question arises what part pharmacy is going to play in a comprehensive medical service. Sir John Anderson, speaking on the Beveridge report, said "the fullest possible use must be made of existing resources." The existing State medical service applies to almost half the population. There are over fifteen thousand pharmacies, which for thirty years have carried out the dispensing of National Health Insurance prescriptions to the entire satisfaction of the State. Can the establishment of an equal number of health centres or State dispensaries be visualised? The ultimate line of development may be health centres, but they will be established over a period of years. At present everything points to an extension of the National Health Insurance scheme by inclusion of dependants of insured persons, and of the Public Assistance health service. Two results of bringing dependants into a national scheme will be: (a) that many who receive medicine from the out-patient departments of hospitals

cease to do so and will obtain their medicines from chemists; and (b) that many who now buy medicines from doctors will obtain them from chemists. The policy of the national pharmaceutical organisations—with two exceptions—is, (i) that the supply of medicine under state scheme should be undertaken by pharmacists; and (ii) that the supply of medicines must be regarded as a National service and not as a subject for commercial competition. This pharmaceutical service must be co-ordinated locally and nationally. Locally it may be done by *ad hoc* bodies on the lines of the present Insurance and Pharmaceutical Committees. Nationally the terms and conditions of the proposed service must be negotiated centrally by the Government and by a body representing pharmacists; we must see that the negotiating body is predominantly pharmaceutical.

Scotland's Needs

The conditions under which pharmacy is practised in Scotland and the conditions of service under the National Health Insurance Scheme differ considerably from the conditions in England and Wales. Scotland has its own Department of Health, and it seems desirable that it should also have its own Pharmacy Commission. In England a doctor may order his insured patient any drug, proprietary or otherwise, that he considers necessary for the treatment of that patient. The chemist is paid well for anything the doctor orders (there are disallowances to the chemist). The provisions of the English Tariff have been built up gradually, and are fair to the chemist by providing for such things as out-of-pocket

expenses on preparations which have to be specially obtained; increased fees on "dangerous" drugs; additional fees for sterilisation; double dispensing fees for prescriptions marked "Urgent" by the prescriber.

Economic Conditions

The formation of a Joint Industrial Council for retail pharmacy is foreshadowed. It seems inevitable that, with the coming of a comprehensive medical service, the Government should make an attempt to set up such a Council, but it is a pity that the proposed Council is to be limited to the retail. Problems of the war affecting pharmacy are many. There is the problem of the pharmacy that becomes a drug-store, and competition by traders outside pharmacy. Pharmacists have invested large sums of money in their education, and the return is reduced from normal expectation by inroads from others who have invested neither their money, their time, nor their brains. This is a trading development which should be strenuously fought by every practising pharmacist. One of the best weapons is publicity. The deliberate dilution of pharmacy by partially trained and unskilled women must also be closely watched. The urgency of the situation is known, as well as the clamant demands of the Services and essential industries. Some dilution may be unavoidable, but the danger to the public and the craft if a large number of half-trained so-called dispensers are allowed to undertake the handling of drugs and the compounding of medicines is also known. After the war these partially-trained women will be a danger and a menace, not only to the public but to qualified pharmacists.

FFECT OF BEVERIDGE

THOMAS HESELTINE (chairman of the Executive, National Pharmaceutical Union) addressed members of the Leeds Branch of the N.P.U. on November 18, taking as subject "The Effect of the Beveridge Plan of Social Security on Pharmacy." He gave details of negotiations the N.P.U. had undertaken to safeguard the interests of chemists, and of the arguments that had been advanced to support the claim that dispensing service under any national medical scheme should be left in the hands of pharmacists. He pointed out that the option of chemists into a State scheme must involve provision of a twenty-four-hour service, and of a delivery service in rural areas. Chemists would have to realise that, to retain their dispensing rights, they would have to adapt themselves to new requirements, even at some inconvenience. It was realised that the medical service must be really national, and there might have to be a pharmacist in areas where business would not pay in present con-

PLAN ON PHARMACY

ditions. With this in mind, the N.P.U. was asking for a capitation fee, so that a chemist could exist successfully and give a proper service even in the smallest village. A Pharmacy Commission would be necessary, representing all branches of the craft. It was common knowledge that some of the multiple chemists were opposed to such a commission; but the programme of the company firms, as they all knew, was to scatter pharmacies in an ever-widening area, and it would be the business of the N.P.U. to secure protection against a superfluity of pharmacists in areas where the service was already well catered for.

After Mr. Heseltine had been thanked for his address and had answered a number of questions, Miss Florence Cousins (chairman-secretary) was asked to send a letter of good wishes to Mr. Edgar Buckley (chairman, Leeds branch of the Pharmaceutical Society and an active N.P.U. member), who was expected to be home and restored to health by Christmas.

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Official organ of The Pharmaceutical Society of Great Britain, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Great Britain and of other Chemists' Societies in the Empire

CXL DECEMBER 4, 1943 NO. 3330

The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.

A Session of Social Reconstruction

THE KING'S speech from the Throne at the opening of the ninth session of the present Parliament, on Wednesday, November 24, was a significant indication that hostilities in Europe and the Middle East are expected to be concluded during the next twelve months, and, possibly, well before the coming year has run its course. For the first time in over four years the programme of business in which Parliament will be engaged will not be almost entirely one of the prosecution of the war against the Axis powers. While final and complete victory continues to be the primary and immediate task, preparations for meeting abnormal conditions after the war are to take up most of the time of both legislative Houses this session. The various measures of reconstruction that are to be considered and promoted may all be said to come under the heading of social security.

Health Services

One of the main items in the programme of social security legislation is the promotion of a comprehensive health service, and this is referred to as follows:—

"My Ministers will present to you their views and proposals regarding . . . a comprehensive health service . . . and they will decide in the light of your discussions what specific proposals for legislation can be brought forward at this stage."

From this it may be anticipated that the Government's White Paper on the Beveridge report is to be issued at no distant date. It will provide the basis of the Parliamentary debate and the discussion is likely to be much more verbose than fruitful.

Legislative Prospects

If the development of a comprehensive health service was the only matter of importance that the Government had to deal with in the present Parliamentary Session, the subject might reach the stage of the introduction of a Bill with the minimum of delay. Unfortunately, however, there is a congestion of other "reconstruction" business at least equally as important and pressing, and it seems to us that early legislative action on the Beveridge report is by no means probable. It would not be surprising indeed, in view of the urgency and claims for priority that will be made for housing, employment and various industrial matters, if it is found impracticable to bring forward a Health Services Bill in the life of the present Parliament.

Post-War Industry

The coming period of transition is certain to be one of the most difficult times the Government will have to contend with. The change-over from total war to, we hope, total peace conditions, will call for the highest statesmanship. Success in social developments in the post-war period will depend on the prosperity of the country and, nationally, that means on the amount of economic employment available. To our mind, hopes of better housing, social security, health services and the other political ideals, depend largely on the prosperity of the country. Most of the schemes are likely to become impracticable politics if unemployment is allowed to mount up as it did after the last war. It is, therefore, disappointing to us that the Speech from the Throne omitted to make the slightest

reference to any positive means for providing adequate economic employment, and this might have been done under several headings.

War-time Trade Controls

War-time controls of industry of all kinds may have been necessary, and there is no doubt they have achieved their purpose in the years of national crisis, but everyone with business experience realises there can be no hope of a revival and expansion of our commerce and trade unless industry is given reasonable freedom for development. Under war conditions trade and industry have had to put up with a good deal of interference, obstruction and direction from Whitehall. A continuance of such conditions after the war can only bring disaster.

Export Policy Wanted

Another matter of paramount importance to the post-war prosperity of the nation is that of renewing our export trade. With the substantial loss of pre-war "hidden" exports due to the liquidation of British securities overseas, it will be essential approximately to double the value of our pre-war export trade. What steps does the Government propose to take to assist our manufacturers and exporters to achieve this expansion? How are they going to facilitate and encourage this vital trade? Do they propose to give priority of supply of raw materials required for the production of goods for overseas markets? Particularly are we anxious the Government should make it clear that however much they may favour an international trade policy based on the free exchange of goods, we cannot in future buy from countries who are not prepared to provide for an equitable balance of trade. Although Germany and Japan may be out of the markets for some time we shall not be without serious competitors for world trade. A detailed statement of positive proposals from the Government on export and international trade would be of value to every manufacturer in the country. All the worthy aspirations for the improvement of the working and living conditions of our people and their future welfare will be stunted and delayed, if not indefinitely

postponed, if we fail first to develop to the limit our industrial production and commercial enterprise. In the words of Lord Leverhulme, speaking recently in London "we must export or starve."

Not "Effectuated at a Shop"

A DECISION explained by the Lord Chief Justice on November 24 (*see opposite*) confirms an earlier finding that a market stall does not constitute a shop within the meaning of the Pharmacy and Medicines Act, 1941.

The question, as Lord Caldecote pointed out, was not so simple as it seemed, although several previous actions had turned on the meaning of the word "shop"; on examination there was little in any of them to affect the present decision. The point at issue was, of course, whether the sale of a substance recommended as medicine had been "effectuated at a shop" when the sale had been made by a trader at a market stall consisting of trestles and a board and hired twice a week by the trader. "It seems to me," said Lord Caldecote, "that the word 'shop' has to be interpreted or considered with reference to the objects of the [Pharmacy] Act and its scope." Provisions in the Act, he went on, suggested that the legislature contemplated that the premises of a shop dealt with in the Act should be a place "defined by precise limits, upon which there was some sort of structure," and a "permanent place where the work or business is carried on in a place which has limits and can be identified precisely."

Applying this test, it became impossible to admit that the stall around which the original action centred was a shop. The stall was "a place, in no way limited or bounded by any ascertainable marks or fence, with no structure upon it except two trestles and a board, and with no continuity or regularity except that it was there twice a week." It is satisfactory to know that in this respect there is no loophole in the Pharmacy and Medicines Act which provides in practice the type of protection that was intended against a form of trading to which there are several objections on grounds of public welfare.

TRESTLES ARE NOT PREMISES

A CASE of importance to chemists was heard by the Lord Chief Justice (Lord Cecote) and Justices Macnaghten and Tucker in the King's Bench Division on November 24. It was an appeal, by way of leave stated, from a decision given by the Leeds stipendiary magistrate (see *C. & D.* April 3, p. 341, and April 10, p. 368), that the sale of a liniment by a trader at a market had not been "effected at a shop" and was therefore contrary to the Pharmacy and Medicines Act, 1941. The mons was found proved, but the case dismissed under the Probation of Oders Act on payment of 10s. costs. The appeal was against this finding.

Point at Issue

For the trader, Mr. Cecil Havers, K.C., the sole point for determination was meaning of the phrase "effected at a shop." His client was selling, in the un- covered portion of Leeds City market, a liniment known as Eas-U-Quick oil. "premises," comprising a stall made of a board and two trestles, were under control of the Leeds Corporation.

The Lord Chief Justice: Is there any significance in the fact that the purchase made outside the covered portion of the City market?

Mr. Havers asked the Court to attach some importance to the fact that the sale made in some part of the market under control of Leeds Corporation.

Mr. Justice Tucker: Is any piece of land where a retail business is carried on a "shop"?

Mr. Havers said he thought it was: "There was no need for any structure of any kind. In the present appeal the place was a market and there was in fact something like the nature of a structure."

"I am anxious to establish," he said, "that anybody who trades in this way is trading in a shop, and his trading is lawful under this Act. I assume that Leeds Corporation would not allow anyone but an approved person to trade in their market." For the respondent it was represented that Section 9 of the Shops Act created a contrast between "place" and "premises." It said "it shall not be lawful to carry on any place not being a shop, retail business of any class at any time." The whole object of the Pharmacy and Medicines Act, was to restrict to certain premises qualified persons the sale of certain articles.

Intentions of the Legislature

Giving judgment, the Lord Chief Justice said: I confine myself entirely to the question of the meaning of the word "shop" in the Act in which it appears. By the interpretation section of the Act, a shop has the same meaning as in the Shops Act, 1912. The effect is to lift into the Pharmacy Act the lines "The expression 'shop' includes any premises where any retail trade or business is carried on." It seems to me that the word "shop" has to be interpreted or considered with reference to the objects of the Act and its scope. The Pharmacy Act seems merely to provide machinery by which the status of the profession or trade would be raised or maintained. There are provisions which suggest that the legislature contemplated that the premises of a shop dealt with in the Act should be a place defined by precise limits, upon which or upon part of which there was some sort of structure. For instance, there is a provision which requires a place to be registered. I think the Act as a whole contemplates a permanent place, which has limits and can be identified precisely.

"Shop" or "Premises"

I think something more is to be looked at than the word "shop," and that is the use of "premises." Lord Hunter [in a judgment mentioned by the Lord Chief Justice] said that all that was necessary for a shop was that there should be a place where a retail business was carried on. I do not think that is a satisfactory statement of the word "shop" where it is to be found in the Pharmacy Act of 1941. I find little in [previous] decisions to affect our decision in this case, except that which seems to be quite obvious—that the legislature meant to give an extended and unnatural meaning to the word "shop" which went far beyond the recognised meaning of the word. I do not find that the words used: "premises where a retail trade is carried on," are so wide as to require us to find that a place, in no way limited or bounded by any ascertainable marks or fence, with no structure upon it except two trestles and a board, and with no continuity or regularity except that it is there twice a week, is a "shop" for the purposes of the Pharmacy Act. I think the decision from which this appeal is brought was a right one.—The appeal was accordingly dismissed.

SUMMONSES ADJOURNED SINE DIE

AT North London police court, on November 11, summonses against Leslie Martyn, Ltd., 34 Dalston Lane, Hackney, London, E.8, of unlawfully taking part in the publication of an advertisement relative to Blanchard's female pills in terms calculated to lead to the use of the pills for procuring the miscarriage of women, were adjourned *sine die*. The company pleaded not guilty.

Case for the Prosecution

Mr. Edward Fail, for the prosecution, said the defendants were a firm of retail chemists and manufacturers; they sold a preparation called Blanchard's female pills. There was wrapped round the little box in which the pills were sold an advertisement in the form of a leaflet, which said that they were "The original Blanchard's female pills, for over forty years the best of all pills for ladies. For disorders and irregularities of the female constitution." It went on to describe the treatment to be taken for "menstrual disorders and irregularities." He supposed it would be right to say that the commonest cause of the suspension of the menstrual flow was pregnancy. Words which followed were headed "Important," and stated that "The ailments peculiar to the sex are such that exceptional cases do occasionally arise which will not readily yield to the action of any pills alone. For such cases we strongly advise 'Martolia' combined treatment." "In the submission of the Society," said Mr. Fail, "the question is whether the terms of the advertisement are calculated to lead to the use of these pills for this purpose." The first treatment, by the pills alone, was cheap, but the combined treatment was 13s. 6d., and if that was not successful the purchaser got another circular through the post which set out details of further treatment.

Home Office Expert

Dr. Gerald Roche Lynch, Home Office expert, was called into the witness box. Referring to the formula given on the boxes, he pointed out that apiole was referred to, not in the order which was usual in such formulas. The binding material was usually given last, but in this case apiole was given last. It might be that this was done to catch the eye, apiole being known among women as a drug which might produce an abortion. Far from being capable of procuring a miscarriage, the pills were so mild that if anyone took twenty-four of them it would have no medicinal effect whatever. The magis-

trate remarked that the words on the pamphlet appeared to be perfectly true, when said that the treatment was "perfectly harmless"!

Cross-examined, Dr. Roche Lynch admitted that, apart from the fact that he had given evidence in other similar cases, he was to be regarded on a matter of this kind merely as an "intelligent layman." He agreed that if the words "not to be given to children" were put on a bottle of skimmed milk they would not act as an incentive to give the skimmed milk to children.

When evidence was given of the purchase of pills by a woman agent of the Pharmaceutical Society on April 21, Mr. Cy Morgan (an inspector of the Society) said the purchase was made under his instructions. He afterwards saw the pharmacist in charge of the retail premises, and referred to the secretary of the company who said "We have taken advice on the matter and we are satisfied." Witness said he was not aware that the wording was adopted upon the advice of an eminent counsel.

"Extreme Care to Avoid Contravention"

A letter to the Pharmaceutical Society from the secretary of the defendant company was read. It referred to the professional advice that had been taken in the framing of the advertisement, and the extreme care which had been taken to avoid contravening the law in any way. The writer suggested that objections might be explained to the company so that amendments could be made. The company had been established for forty years and had an unblemished record of honest trading. Mr. Morgan agreed that the letter represented a *bona fide* attempt to get over the difficulty. Defending solicitor said the defendants were prepared to eliminate the words about the treatment being sold on the understanding that the purchaser was not pregnant, and to submit a copy of the pamphlet to the Pharmaceutical Society with its further comments thereon. It was indicated that this course would be accepted by the Pharmaceutical Society's inspectors. When the magistrate remarked that the defendants had made the same offer to amend their advertisement before the proceedings were taken, Mr. Fail said the Pharmaceutical Society could not have approved an advertisement of this kind, and the Attorney-General had taken the view that the matter ought to be the subject of judicial proceedings.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

J. T. NICHOLL (president) was in the chair at the monthly meeting of the Council of the Pharmaceutical Society of Northern Ireland held in Belfast on November 19. Present were Messrs. Charles Abernethy (vice-president); James McDowell (treasurer); W. C. Tate, J. McGregor, J. W. Gray, J.P., S. H. Forrest, James Irwin, H. Cowzer, H. F. Moore, James Glendinning, J. F. Grimes, J.P., J. E. Connor, Sir Thomas McMullan, D.L., Dr. E. A. Acheson, Professor James Small, c., and the secretary (Mr. D. L. Kirkpatrick).

Pharmacy Legislation

THE PRESIDENT reported that the deputation appointed at the previous Council meeting had waited on the Minister of Home Affairs (Mr. W. Lowry) at Stormont that morning, and the Minister, who said had been greatly impressed by the delegation and the way in which they presented their case, promised to bring the matter to the notice of the Cabinet.

Post-graduate Course

MR. NICHOLL related how he and the secretary had interviewed the principal of Belfast Technical College and also Professor Wren on the question of a post-graduate course. The great difficulty was finding a day that would be suitable for the largest number of members. After much discussion, PROFESSOR SMALL moved that such a course should be arranged on Wednesday afternoons in the next academic year, and MR. JAMES GLENDINNING seconded. DR. S. E. A. ACHESON moved amendment that the matter should be referred to the Education Committee to make suitable arrangements to bring before the next meeting of the Council; it was seconded by MR. J. W. GRAY, but on being put to a vote the amendment was lost and the motion carried.

THE SECRETARY read a letter from Mr. McCormick (principal of Maghera Technical School), asking for a grant for carrying on classes for apprentices in the school. The matter was favourably received by the Council.

Examinations and Membership

The following members were appointed to attend at the examinations at the Municipal College of Technology, Belfast, December 6:-

Monday, Messrs. J. T. Nicholl and Charles Abernethy.

Tuesday, Messrs. J. T. Nicholl and H. H. Cowzer.

Wednesday, Messrs. W. C. Tate, J. McGregor (morning), H. F. Moore, James McDowell (afternoon).

Thursday, Mr. H. F. Moore.

On the motion of MR. S. H. FORREST, seconded by MR. JAMES McDOWELL, the following nominated candidates were elected members of the Society: R. E. McGettigan, 102 Clapard Gardens, Belfast; A. F. Wilson, 167a Ormeau Road, Belfast; and H. Eakin, Ballymoghan, Magherafelt.

THE SECRETARY reported on a visit paid by him to the principal of Portadown Technical School with a view to starting classes for apprentices. The principal had been anxious that such classes should be given, and Mr. Kirkpatrick said that there would in all probability be an attendance of ten students from the neighbouring towns of Lurgan, Cookstown, and Banbridge.

Education Committee

At a meeting of the Education Committee held prior to the Council meeting the president (Mr. J. T. Nicholl) was in the chair and there were also present Messrs. Charles Abernethy (vice-president), James McDowell (treasurer), H. H. Cowzer, J. Irwin, J. McGregor, and W. C. Tate. It was agreed that the Certificate of Apprenticeship to a Pharmaceutical Chemist should be granted to the following who had submitted certificates as indicated:-

SENIOR CERTIFICATE EXAMINATION, MINISTRY OF EDUCATION, N.I.—Nora E. Casey, Lisnaskea; Muriel Blair, Newry; John A. Boylan, Belfast; Patrick J. Campbell, Newtownards; Thomas D. Connolly, Belfast; Eileen M. Deery, Portstewart; Bernard J. Deeny, Belfast; Cecilia P. Dobbin, Belfast; Vera Knipe, Armagh; Rebecca G. McCrea, Belfast; Alexander McCoy, Toomebridge; Maureen J. McGrath, Coalisland; Margot Nugent, Belfast; Eileen V. O'Neill, Donemana; Anne S. M. Taylor, Mowhan, co. Armagh; Joseph P. Stewart, Dungannon.

PHARMACEUTICAL PRELIMINARY, QUEEN'S UNIVERSITY, BELFAST, SEPTEMBER 1943.—John E. Coyle, Londonderry; John L. McIntyre, Belfast; William T. Strahan, Whitehead.

MATRICULATION EXAMINATION, QUEEN'S UNIVERSITY, BELFAST, SEPTEMBER 1943.—J. M. Beggs, Ballyclare; J. S. Kyle, Kilrea; Michael C. Devlin, Belfast.

LONDON UNIVERSITY MATRICULATION EXAMINATION, 1943.—Ronald D. Duke, Portadown.

JOINT BOARD OF SCOTTISH UNIVERSITIES, MATRICULATION EXAMINATION, 1942.—Jean Y. Semple, Knockloughrim, co. Derry.

ESSENTIAL OILS AND FLORAL SUBSTITUTES

THE Cosmetic and Toilet Preparations Trade Association held a meeting in London on November 16 to hear the question "Essential Oils and Floral Substitutes: Is their Substitution Possible whilst Maintaining Production Standards?" discussed by Mr. F. E. Shoninger (Antoine Chiris, Ltd.). The chair was taken by Mr. F. L. Blackwell, who stated that this was the first of a series of meetings which it was intended to hold dealing with various aspects of the industry.

Mr. SHONINGER said that, now that the essential oil industry was under Government control, it was sometimes necessary to point out to officials that essential oils were used for other purposes than merely their application to luxury articles. He was an American who had lived in England throughout the war. He had admired the magnificent spirit of British business men who, faced with what appeared to be insuperable difficulties, still carried on. The time had come, however, to face facts, and the point was being reached where the industry must consider whether they should not look into, not the far distant future, but the immediate future, when once more the markets of the world would be available to their products. British products had held the world's markets because of their unquestionable quality and integrity of workmanship. In war-time it had been necessary to find substitutes, and good products had been made, but the industry must not be led away by their success. Substitutes were all right when they did not have to compete with those materials they were designed to replace. In addition to the United States and the United Kingdom, there were other countries which produced cosmetics and perfumery, and they had had available to them, in part at least, some of the rare raw materials; but in this country there had been none for four years.

Creating Stocks Now

In the not far distant future, British makers would have to compete, quality for quality, with countries in a better position to supply quality goods, because they had been able to accumulate precious raw materials. He had drawn the attention of the Board of Trade, the Ministry of Food, and others to this fact, and he believed they were now awake to the necessity for the industry in this country to create, without delay, as large stocks as possible of floral absolutes and concretes and of rare essential

oils. They were not available in any large quantity anywhere, but the British cosmetics and perfumery industry should get its proper share. It was difficult for a country restricted by severe Government control to compete in the purchase of materials that were in short supply. Before such materials could be acquired, a position had to be made to the trade board which must refer it to its members and, in turn, the consent of a Ministry must be obtained. No matter how efficient the various bodies were, valuable time was lost and the free trader in some other country which did not have the same restrictions could purchase long before British makers were able to make a firm offer.

Formalities as a Cause of Delay

Few of the many peace-time products were now available, either because they grew in countries with which Britain could not trade or because they were being grown in reduced quantities; but even for the oils that were available, it was necessary under present restrictions, to go through the formalities he had indicated and, of course, great delay occurred. He was criticising the existing regulations. These were natural and probably necessary in a country at total war. He mentioned that, because of a preoccupation with the post-war export problem and a fear that they would not be lifted sufficiently early to permit the industry to obtain them soon enough to enable it to compete, quality suffered, with more fortunate countries. There was a point at which it became a boomerang to make a virtue of necessity by assuming that substitutes would be good enough for resumed export trade. The problem was one for the industry as a whole to solve. The lot of the grower was not an easy one and, having regard to the destruction that had been caused, it would probably not be possible to obtain all the supplies required until many years had passed.

Discussion

There was a short discussion on the address and, in reply, Mr. SHONINGER said he believed something could be done to improve the position if it were proved to the Board of Trade, which was emphasising the need for exports after the war, that all the imported essential oils and raw materials were used for export purposes. A member of the Association said that if a barter system

ce into operation after the war, steps
ld be taken to ensure that essential
were included.

Mr. SHONINGER said it had been sug-
ged that merchants had been indirectly
ponsible for the present control; but,
ough there had been a few cases where
merchant had forced up prices, it was
use of supply and demand, and increase
ices had been largely due to the growers,
had demanded higher prices, and the

merchants in this country had to pay them.
The desirability of obtaining supplies for
export purposes had been taken up with
the Board of Trade and the Ministry of
Food, who had agreed in principle.

The CHAIRMAN, proposing a vote of
thanks, said the merchants needed the help
of the Association in this matter and the
Association needed the help of the mer-
chants. Conceted action by both could not
fail to be beneficial.

TRADE MARKS

(From "The Trade Marks Journal," October 20)

[CORRECTED NOTE]

"DOR" and "ENVY"; for brilliantine,
entifrices, cosmetic ingredients for baths,
psstick, talcum and face powder and face
ream, all non-medicated; soaps, perfumes
nd hair lotions (3). By Emergency Pro-
ucts, Ltd., Avon House, 356-60 Oxford
tree, London, W.1. B623,800-01.
OBAT"; for non-medicated toilet prepara-
tions, etc. (3), goods (4) and for pharma-
aceutical substances for human and veterinary
se, infants' and invalids' foods, plasters,
andages, disinfectants, preparations for
estroying weeds and vermin, excluding fly
apers (5). By Brobat Manufacturing Co.,
td., 95 Lordship Lane, East Dulwich,
ondon, S.E.22. 623,923-24-25 (Associated).

(From "The Trade Marks Journal," November 10)
CTOR"; for non-medicated toilet prepara-
tions, etc. (3) and for all goods (5).
NNY'S" over device of head of black
woman wearing spotted cap. "BLACK
NANNY'S" over same device. For non-
medicated toilet preparations, etc. (3). By
R. Amon, 143 Cannon Street, London, E.C.4.
20,358; 620,360 (both Associated).
ONIA"; for non-medicated toilet prepara-
tions (3). By S. Sigal & Co., Ltd., 47 Taber-
nacle Street, London, E.C.2. 624,660.
ALONE"; for pharmaceutical preparations
and substances (5). By The Dubarry Per-
fumery Co., Ltd., Hove Park Villas, Hove,
Sussex. 623,848.

ELCOMO"; for medicated ointments for
human and veterinary use (5). By W. E.
Hown, 240 Chichester Road, Portsmouth.
524,418.
LSOL"; for medicinal paraffin (5). By
Blackwell, Hayes & Co., Ltd., 54 Moor
Street, Birmingham, 4. 624,928.

NETEX"; for non-medicated toilet paper (16).
By Colfor Exports, Ltd., 26-28 Billiter
Street, London, E.C.3. 624,700.
OOM OF YOUTH"; for palate plate brushes
(21). By G. B. Kent & Sons, Ltd., 75
Farringdon Road, London, E.C.1. B621,052.

"IRVING A. KEENE" facsimile signature; for
tooth picks and tooth sticks (21). By
Keene's Laboratories, Ltd., 287 Gray's Inn
Road, London, W.C.1. 624,211 (Associated).
"SQUASSA"; for lemon, orange, grapefruit and
lime squashes (32). By Hough, Hoseason &
Co., Ltd., Sun Buildings, Bridge Street,
Manchester. B623,725.

(From "The Trade Marks Journal," November 17)

- "EGEMON"; for fertilisers, etc. (1). By Lavapine, Ltd., 31 South Ward Road, Dundee, Scotland. 624,729.
- "HUSSAR"; for hair cream (3). By Cosmetic Distributors, Ltd., 117 Regent Street, London, W.1. 623,583.
- "HI JINKS"; for non-medicated toilet prepara-
tions, etc. (3). By Koray, Ltd., 56 Gamage
Building, Holborn, London, E.C.1. 624,284
(Associated).
- "LA CROSS"; for non-medicated toilet prepara-
tions, etc. (3). By W. B. Groves, 8 College
Square North, Belfast. 624,388 (Associated).
- "GALJADO"; for non-medicated toilet prepara-
tions (3). By S. Sigal & Co., Ltd., 47 Taber-
nacle Street, London, E.C.2. 624,661.
- "MIGPAX"; for preparations for human use
for repelling insects or for treatment of
stings (5). By G. W. Taylor, 40 Duncombe
Street, Walkley, Sheffield. B622,764.
- "BISVENE"; for pharmaceutical preparations
and substances (5). "SUFIMOTH"; for moth
repelling and destroying preparations (5).
By Evans Sons Lescher & Webb, Ltd.,
Speke Boulevard, Speke, Liverpool, 19.
B622,764; 624,391.
- "GUMTEX"; for medicated salve, in liquid or
paste form, for treatment of the gums or
mouth (5). By A. De St. Dalmas & Co.,
Ltd., Dalma Works, Junior Street, Leicester.
624,393.
- "ENZYVITE"; for enzymotic preparations for
pharmaceutical purposes (5). By Enzyme
Products, Ltd., 107-11 Fleet Street, London,
E.C.4. 624,445 (Associated).
- Facsimile signature "Lydia E. Pinkham" under
portrait of same; for pharmaceutical pre-
parations and substances (5). By Lydia E.
Pinkham Medicine Co., 271 Western Avenue,
Lynn, Mass., U.S.A. 624,423 (Associated).
- "PLELAX"; for laxatives (5). By Granto
Laboratories, Ltd., 108 Mortlake Road,
Kew, Surrey. 624,727.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency.

28 Essex Street, W.C.2, December 1

The week under review shows that very quiet conditions have again prevailed on the London drug and chemical markets, and that little of general interest has transpired. While many items remain in good enough demand, scarcity of supplies in some instances restricts business to small proportions. Prices are generally maintained, with the few slight movements in an upward direction. Business in PHARMACEUTICAL CHEMICALS has been of routine dimensions, with little of outstanding interest to report.

Crude Drugs

Merchants continue to report only a modest business in these commodities, with the price position firm throughout. Cape ALOES is badly wanted, but current business seems to be confined to extremely small lots. Some arrivals of ARECA NUTS are reported. All varieties of BALSAMS are unchanged. No supplies of CASCARA SAGRADA are available to meet the current demand, but the position should soon be rectified. Little interest is being taken in CHILLIES or other spices, and all descriptions are at the levels formerly noted. Some fine white COLOCYNTH PULP may still be obtained at the price quoted. DIGITALIS LEAVES are firmly held at unchanged rates. Spot supplies of GUM ELEMII are extremely hard to find, and prices difficult to assess. ERGOT is not particularly wanted at present, but the price position is maintained. No change has occurred in the supply position of IPECACUANHA. JALAP is at the rather enhanced figure noted last week. Little business has been done in MENTHOL at the controlled rates. A rather better demand is noted for RHUBARB. SEEDS are dull and without quotable change on the week. Some request is noted for STROPHANTHUS. TRAGACANTH is selling steadily at unchanged prices.

Essential Oils

Only a few of the regular range of ESSENTIAL OILS can now be supplied by the "free" market, and these only in small quantities. ANISE (STAR) is reported in better inquiry, but supplies are meagre. English distillers of CLOVE continue to quote at unchanged rates. Such oils as EUCALYPTUS and GINGERGRASS may still

be obtained on spot, but only in small compass. The Ministry of Food announced that there will be no change in the existing prices of oils and fats allocated to prima whalers and large trade users during the five weeks ending January 1, 1944.

Exchange Rates on London

During November an alteration occurred in the Spanish rate, which was raised from 40 pesetas to 44.00 pesetas, in order to bring the sterling-peseta rate into line with the level of the dollar-peseta exchange. The other London valuations are unchanged. The Bank of England fixed rates include: New York, 4.03 dollars; Montreal, 4.45 dollars; Dutch West Indies, 7.60 florins; Lisbon, 100 escudos; Stockholm, 16.90 kroner. The Chinese national dollar valued at 3 $\frac{1}{2}$ d.

Pharmaceutical Chemicals

ATROPINE.—Steady at the following prices per oz.: ALKALOID, 1 oz., 35s.; 4 oz., 34s. 6d.; 25 oz., 34s. SULPHATE, 1 oz., 28s.; 4 oz., 27s. 6d.; 25 oz., 27s. METHYL BROMIDE and METHYL NITRATE, 1 oz., 65s.

BORIC ACID.—Makers' quotations are as follows: B.P. granulated, £60 15s. per ton crystal, £61 15s.; powder, £62 15s. Packed one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots and upwards. Commercial grades, £8 per ton less.

BROMIDES.—POTASSIUM is quoted by makers at the following prices per lb., in lots of from 28 lb. (containers in brackets): 3s. 5 $\frac{1}{2}$ d. (1-lb. 3s. 3 $\frac{3}{4}$ d. (4-lb.); 3s. 2 $\frac{1}{2}$ d. (7-lb.); 3s. 2 $\frac{1}{2}$ d. (14-lb.); 3s. 1 $\frac{1}{2}$ d. (28-lb.). SODIUM, 3d. per lb. extra; AMMONIUM, 2 $\frac{1}{2}$ d. per lb. extra; powder, 2d. per lb. extra.

CREAM OF TARTAR.—British makers quote steadily at 262s. per cwt., less 2 $\frac{1}{2}$ per cent discount.

DEXTROSE, B.P.—Makers' prices range from 10 $\frac{1}{2}$ d. per lb. to 1s. 4 $\frac{1}{2}$ d. per lb., according to quantity and packing.

GALLIC ACID.—Price ranges from 9s. to 10s. per lb., according to quantity.

GLYCERIN.—Prices per cwt. for small supplies are as follows: 56-lb. tins, 99s.; 14-lb. tins, 105s.; subject to 2 $\frac{1}{2}$ per cent. discount, twenty-eight days.

GUAIACOLS.—Crystals and carbonate would be worth from 14s. to 15s. per lb.

HOMATROPINE.—Makers' prices per oz. are as follows (prices per gram in brackets): ALKALOID, 1 oz., 97s. 6d.; 4 oz., 92s. 6d.; 16 oz., 87s. 6d. (6s.) HYDROCHLORIDE, HYDROBROMIDE and SULPHATE, 1 oz., 75s.; 4 oz., 70s. 16 oz., 65s. (3s. 2d.).

GNESIUM TRISILICATE.—Makers quote for one market, in quantities of 28 lb.—1 cwt., tins (containers in brackets): 3s. 6½d. per lb.; 3s. 5d. (4-lb.); 3s. 4d. (7-lb.); 3d. (14-lb.); 3s. 3d. (28-lb.).

ANDELATES.—Makers' quotations are unchanged. **SODIUM and CALCIUM.**—4 oz., 8 oz., 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 6d.; 14 lb. (in 7-lb. packages), 16s. 9d.; 20. (in 7-lb. packages), 15s. per lb., net. **AMONIUM** (50 per cent. solution)—4 oz., 8 oz. 1 lb., 11s. 9d. per lb.; 4 lb., 10s. 9½d.; 7 lb., 9d.; 14 lb. (in 7-lb. packages), 8s. 11½d.; 20. (in 7-lb. packages), 7s. 11d. per lb. net. Packages extra and returnable.

TASSIUM PERMANGANATE.—Makers continue to quote B.P. at 1s. 10d. per lb.

DIUM BENZOATE.—Steady at 2s. 9d. to 3s. according to quantity.

LPHANILAMIDE.—Prices range from 10s. 6d. s. 6d. per lb., according to quantity.

RTARIC ACID.—British makers continue to 3s. 1½d. per lb. for B.P. crystal, less 5 per cent. discount.

NILLIN.—Current rates per lb. are as follows: 5 cwt., 21s. per lb.; 1 cwt., 21s. 3d.; 2s., 21s. 6d., less than 56 lb., 21s. 9d.

Crude Drugs

AR.—Small supplies for bacteriological purposes can be obtained by approved users at the arranged price of 65s. to 75s. per lb.

OES.—No change in the spot prices of Cao at 470s. to 480s. per cwt.; shipment, to 370s., c.i.f. Cape is wanted but no lies are available.

IMONY.—Current quotation for English num 99 per cent. regulus is £120 per ton, ered, but supplies are reserved for essential rements; 70 per cent. crude, for the home t, £100 per ton, delivered.

CECA NUTS.—Arriving at 95s. per cwt., c.i.f.

LSAMS.—Softish *Tolu*, in limited compass pot, 15s. 6d. per lb.; *Canada*, steady at 6d.; and *Peru*, 8s. 3d., duty paid.

LLADONNA.—Indian leaf is quoted at 2d. to 5s. 6d. per lb. on spot; Indian root, 40s. 6d. per lb., both according to alkaloidal content.

ENZOIN.—Sumatra block is selling slowly at £25 per cwt. Free "almonds," £35. Phases for non-pharmaceutical purposes require the consent of the Director of Medical Services.

UCHU.—No supplies of either rounds or are available at present.

MPHOR.—Dealers can still supply to approved buyers; current rates are as follows: esse crude (93 per cent.), 10s. per lb.; B.P., 6d.

SCARA SAGRADA.—In good demand, but supplies are not available.

PAULMOOGRA.—*Hydnocarpus*, spot, tins in 8s. 1s. 7d. per lb.; afloat, 1s. 3d. per lb.,

CHILLIES.—Quiet, with Mombasa the only variety on offer; spot, 120s. per cwt.

CLOVES.—Zanzibar, on spot, quoted at 1s. 5½d. per lb.; second grade, to arrive, 10d. per lb., c.i.f., sellers.

COCHINEAL.—Blacks are available for medicinal use at 4s. 6d. per lb.

COCOA BUTTER.—Except when sales are made under licence the maximum official price is 1s. 5½d. per lb., ex factory or warehouse.

COCONUT (DESICCATED).—No change in the fixed price of 49s. per cwt.

COLOCYNTH.—Some fine white pulp may be obtained on spot at 3s. 3d. per lb., duty paid.

DIGITALIS LEAVES.—Portuguese leaf is firmly held on spot at 135s. per cwt.; English-grown leaf, steady at 2s. 6d. per lb.

DRAGON'S BLOOD.—Dull Zanzibar drop is the only variety available at present; spot price would be £21 per cwt.

ELEMI.—Supplies of No. 1 gum are difficult to locate at present.

ERGOT.—Spot price of sound material is unchanged at 5s. 9d. per lb.; wormy, 5s. 6d.; shipment, 4s. 9d. per lb., c.i.f.

GALANGAL ROOT.—Quoted at 10s. per cwt., in bond Liverpool.

GUM ACACIA.—Kordofan cleaned sorts, spot, 9os. per cwt.; bleached, shipment, 140s. c.i.f. Talha, cleaned, 50s. per cwt., landed terms.

HENBANE LEAVES.—Indian leaves are quoted on spot at between 200s. and 350s. per cwt., according to test. Russian leaves, to approved buyers, 3s. 6d. per lb.

IPECACUANHA.—No change in the position as previously outlined. Current prices of Ext. IPECAC. L10. are as follows: Winchesters, B.P., 1932, under three, 32s. 6d. per lb.; three and under six, 32s.; six and under twelve, 31s. 6d.; twelve and over, 31s.; B.P., 1914, under three, 30s. 6d.; three and under six, 30s.; six and under twelve, 29s. 6d.; twelve and over, 29s. per lb.; all prices quoted are on a net basis.

JALAP.—Brazilian root testing 15 per cent. is quoted on spot at 117s. 6d. per cwt.

KAMALA.—Material testing about 5 per cent. ash would be worth 1s. 9d. per lb. Current business is of small account.

LIGUORICE ROOT.—Russian root for pharmaceutical purposes may be had by approved buyers at 75s. per cwt., on spot; cut Russian root, for non-pharmaceutical purposes, 96s. 6d. per cwt.

MENTHOL.—Some small spot parcels may be available at 95s. per lb.

MERCURY.—Official spot quotations range from £68 10s. to £69 15s. per flask, according to conditions and quantity, with higher rates for smaller lots and redistilled grades.

MYRRH.—Good-quality Aden sorts are offered on spot at £20 per cwt.

NUTMEGS.—West Indian, spot, wormy and broken, 1s. 5d. per lb.; sound unassorted, 1s. 8d.

NUX VOMICA.—Cochin, washed and garbled, spot, 42s. 6d. to 45s. per cwt., according to seller; shipment from India, 35s., c.i.f. Co-cana, spot, 37s. 6d. per cwt.; shipment, 32s. 6d., c.i.f.

ORANGE PEEL.—Spot quotation for Spanish bitter quarters, 4s. 3d. per lb.; good-quality thin-cut, 4s. 6d.

PEPPERS.—Maximum prices of whole, not picked over or cleaned, on sale to processors, are: 1s. 4d. per lb. for white, and 1s. per lb. for black, both duty paid.

PIMENTO.—Sellers on spot at 1s. 9d. per lb.; shipment price is not quoted.

PODOPHYLLUM.—Spot supplies are exhausted, and shipments from source are not forthcoming.

PSYLLIUM SEED.—Indian seed, in small compass on spot, may be had from dealers at 1s. 3d.

QUILLIAIA BARK.—Crushed or cut bark, spot, 95s. per cwt.; natural, 75s.; afloat, 65s., c.i.f. Price in Chile reported tending upwards.

RHUBARB.—Demand has again been fair, but there appears to be little rough-round left on spot at under 8s. per lb.; flat, high-dried, rough-cut, 8s. 3d. Shensi pickings, 11s.

SEEDS.—Market continues dull, with no price changes to record. **CORIANDER.**—Indian, 90s. per cwt. **CUMIN.**—Maltese, spot, 120s.; Indian, 110s. **DILL.**—160s., ex wharf Glasgow; 167s. 6d., ex wharf London. **FENNEL.**—Nominal at 87s. 6d. **FENUGREEK.**—May be had at 80s. **MUSTARD.**—Controlled prices as recently recorded are unchanged.

SENNA.—Alexandrian medium pods are at 3s. 9d. to 4s. per lb.; Tinnevelly, manufacturing grade, 6d. to 7½d.; hand-picked, rod. to 1s. 6d.; broken Alexandrian leaves, 1s. 3d. to 1s. 4d.; siftings, 1s. 2d.; Tinnevelly No. 1, 9d. to 10½d.; No. 2, 7d. to 7½d.; No. 3, 5½d. to 6d.

SQUILL.—Portuguese bulb steady at 80s. per cwt.; Indian, 72s. 6d.

STRAMONIUM LEAVES.—Dealers quote at 95s. per cwt., ex store.

STROPHANTHUS.—Kombé 100 per cent. seed may be obtained on spot at from 10s. to 10s. 6d. per lb., according to quantity.

TRAGACANTH.—In fair demand at steady prices. The principal medium grades are quoted as follows: No. 1, white, £130 per cent.; No. 2, white, £115; No. 3, white, £102; No. 4, white, £83; pale leaf, £65; amber leaf, £55; dark amber, £40; brown leaf, £30; red-and-brown leaf, £28; red leaf, from £22; hoggy, from £12 to £15.

TURMERIC.—Sound-quality Madras finger can be obtained on spot at 57s. 6d. per cwt.; wormy, 55s.

VALERIAN ROOT.—Not much demand, but price is tending dearer at 100s. per cwt., ex store.

WAXES.—**BEES'.**—Obtainable only through the Association of Merchant Distributors of Beeswax. **CARNAUBA.**—Quiet. Fatty grey, spot, steady at 420s.; chalky grey, 410s.; Primeira, 530s. per cwt.

Essential and Expressed Oils

ANISE (STAR).—Firm and in good demand but supplies are difficult to find; price, 80s. per lb nominal.

BAY.—Price of any available spot supplies would be in the region of 12s. 6d. per lb.

CAJUPUT.—In meagre supply on spot approximately 15s. per lb.

CINNAMON.—Leaf oil on spot would be worth around 15s. 6d. per lb.

CITRONELLA.—Java, spot, approximately 25s. per lb.; Ceylon, about 21s. 6d.

CLOVE.—English distillers of genuine B.P. oil continue to quote 11s. 6d. to 12s. per lb according to quantity.

CROTON.—Steady at 9s. 6d. per lb.

EUCALYPTUS.—Spot price for oil of 70 to 75 per cent. cineole content is about 5s. 9d. per lb., in drums; 80 to 85 per cent., around 6s.

GERANIUM.—Spot price of genuine North African oil steady at about 85s. to 90s. per lb. according to quantity.

GINGERGRASS.—In small compass on spot approximately 22s. 6d. per lb.

NUTMEG.—Oil from West Indian nutmegs quoted at about 42s. per lb.

PEPPERMINT.—Spot price of any available Chinese oil would be in the region of 120 per cwt.

PETITGRAIN.—Spot supplies are small; price approximately 25s. per lb.

Controlled Essential Oils.—The following is the current schedule of prices for controlled essential oils. Prices are per lb., for oils delivered to consumer in original packages.

Lemon, cold-pressed	18s. 10½d.
Lemon, distilled	14s. 4d.
Peppermint ..	36s. 4d.
Grapefruit ..	18s. 2d. (incl. duty)
Sassafras ..	11s. 3½d. (plus 1s. duty)
Caraway ..	20s. 4½d. (plus 1s. 10d. duty)
Wormseed ..	15s. (plus purchase tax where payable)
Cedarwood ..	3s. 1d. (plus 3d. duty)
Nutmeg ..	22s. 3d. (plus 2s. duty)
Fennel ..	11s. 3½d. (plus 1s. duty)
Coriander, Russian ..	127s. (plus 11s. 6d. duty)
Geranium, Bourbon	25s.
" (Ministry oil)	24s. 6d.
Orange oil, Jamaica	23s. 6d.
Vetivert ..	37s. 7d. (plus 3s. 5d. duty)

Naval Occasions.—The Royal Navy uses no less than 5,000,000 maps and charts in each year of the war. These are all made with high-grade paper and linen. Your old ledgers and account books, when sent for salvage and repulped, are used for the vital purpose.

MISCELLANEOUS INQUIRIES

Indentures.—*F. N. J.*—It is assumed at the articles of pupilage are indentures under seal and that they are properly stamped. If these forms are in order they would be sufficient evidence to prove that you had served a regular apprenticeship.

Denture Fixative.—*A. A.*—A denture fixative can be prepared as follows:—

Tragacanth, in powder ..	50 gm.
Acacia, in powder ..	4·5 gm.
Boric acid	5 gm.
Vanillin	0·5 gm.

Codeine in Tablets.—*B. L.*—Your suggested formula would take the tablets outside the First Schedule to the Poisons, Drugs and Dangerous Drugs Acts. The preparation would remain a Part I poison, as such, saleable only by authorised dealers of poisons (chemists) on registered premises.

Household Ammonia.—*K. L.*—Household ammonia is a Part II poison and can be sold by listed as well as by authorised dealers of poisons. In strengths below 5 per cent. w/w NH₃, however, the preparation is exempt from the Poisons Rules. The following formula is from "Pharmaceutical Formulas":—

Common yellow soap ..	8 gr.
Lavender water ..	20 min.
Strong solution of ammonia ..	6 oz.
Distilled water to ..	20 oz.

Chemical Change in Mixture.—*J. G. M.*—It is not an unusual phenomenon for a small quantity of CO₂ to be liberated after standing from a solution of sodium bicarbonate and hydrated magnesium carbonate. There seems no reason to assume that any organic change takes place on standing unless the infusion of peppermint contains a gum likely to break down. Only in that case could sodium benzoate be useful as a preventive. The preparation should stand for months but the above chemical change may explain your difficulty.

Insecticides.—*J. A.*—It is difficult to find a really efficient substitute for derris or pyrethrum of a non-poisonous nature for universal use. On the other hand, if you require insecticides for specific purposes you cannot do better than study one of the publications issued by H.M. Stationery Office. Among the active ingredients employed are sodium fluoride, alum fluosilicate, nicotine, lead arsenate and calcium arsenate. These are all poisonous and are not suitable for household

purposes. Among non-poisonous products you could use are naphthalene, sulphur, alum and quassia.

Eau d'Alibour.—*H. S.*—This is a French Codex preparation and there are two strengths:—

Eau d'Alibour Forte

Copper sulphate	10 gm.
Zinc sulphate	35 gm.
Tincture of saffron	1 gm.
Concentrated tincture of camphor	10 gm.
Distilled water to	1000 c.c.

Ordinary Strength

Copper sulphate	1 gm.
Zinc sulphate	4 gm.
Tincture of saffron	1 gm.
Concentrated tincture of camphor	10 gm.
Distilled water to	1000 c.c.

The "concentrated tincture of camphor" is a 1 in 9 solution of camphor in alcohol (90 per cent.).

Preservative Treatment of Wood.—*T. R. L.*

The treatment known as Robbin's process is one by which wood is impregnated with resin, coal-tar or other oleaginous product. The apparatus used is a retort or still in which the preserving substance, together with water, is placed and subjected to heat from a fire beneath the retort. Oleaginous vapour rises and passes through a connecting tube into an iron chamber containing the wood to be treated. The heat is stated to act at once on the wood, causing the sap to flow from every pore, and, rising in the form of steam, to condense on the body of the chamber and discharge itself through an escape pipe in the lower part. A temperature of 212° to 250° F. is sufficient to remove the surface moisture from the wood, but later the temperature is raised to 300° or more, completely to saturate the body of the wood with the vapours and heavier products of the distillation. The hot vapour coagulates the albumin of the wood and opens the pores so that a large portion of the oily product is admitted. The contraction resulting from the cooling process hermetically seals the pores. Decay is stated to be almost impossible. The whole operation takes rather less than an hour.

"C. & D." Quiz No. 16.—The answers to the questions given on p. 565 are: 1. *Cymbopogon Nardus*, source of oil of citronella. 2. Cate, a tree; chu, juice (Malay). 3. Rudyard Kipling. 4. Yeast. 5. Pil. colch. et hydrarg. co. 6. Coniine. 7. Copal. 8. Eucalyptol. 9. Cocillana. 10. Rue.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Homeopaths Reply

SIR,—Has it ever occurred to your correspondent "Allopath" (*C. & D.*, October 30, p. 452) that hundreds of people and hundreds of physicians in every country in the world have for a hundred years retained the same unwavering confidence in homœopathic medicine—including the correct use of aconite in the thirtieth potency—and that many of them have been people of more than average intelligence. Thus, on the contrary, it would seem unprofessional for a pharmacist not to make a genuine effort to understand what true homeopathy means. To attempt to down it without making any effort to benefit from those who do know would appear to me to be grossly irresponsible, to say the least of it.—Yours faithfully,

Maidenhead.

E. L. N. NELSON.

SIR,—Answering "Allopath's" questions regarding the retailing of tinct. aconite in the thirtieth homœopathic potency (*C. & D.*, October 30, p. 452), it would be distinctly unprofessional conduct to question a physician's prescription in answer to a patient's question, or to attempt to discredit or belittle its value, whatever the dispenser's private opinion. The chemist's job is to supply what is required to the best of his skill and ability. On the other hand, if he were expressing an opinion while making an ordinary sale over the counter, it would first be wise of the chemist to make sure that he knew what he was talking about before "putting his foot in it." Aconite certainly will not cure all, but it will cure some colds. To work, it must be carefully chosen from among many other possible drugs to suit just those peculiar symptoms as exhibited by the patient. As a matter of fact, aconite is only seldom indicated for colds; it is, however, much more generally successful in preventing an initial infection in the early stages. But I judge such a discussion as this is not what is wanted by "Allopath." What he wants in his exaltation is for homeopaths to admit that what they have been saying for more than 100 years is tripe: I am afraid he will never get them to do that, especially since it is a fact that no person who has honestly put prejudice behind him and looked into homeopathic reasonings carefully has ever remained unconvinced as to its great value, thirtieth potency or otherwise, even higher

or lower ones. I suggest "Allopath" make a genuine effort to understand the other man's work, and then to pass opinion. A commencement, if he cares to write call to see me, I can promise him a flying start—but, like all the best things in life, are only acquired by diligent and thorough personal effort; no one can make up his mind for him. It is just such unfounded criticism by implication "Allopath's" that has done so much harm to homeopathy.—Yours faithfully,

London, W.1.

D. W. EVERITT.

Society and Central Committee

SIR,—The Central Pharmaceutical Welfare Committee is sending out a circular to solicitors in which the following remarks are made:—

To meet urgent demands for pharmacists to replace young and fit men who are being made available for calling up to the Forces, it will be necessary to transfer certain pharmacists who . . . can be released from their present employment without replacement . . . Such transfer would be a matter for the Ministry of Labour and National Service, the exercise of their function of securing proper utilisation of available manpower. It has, however, now been agreed with the Ministry . . . that the Committee, in conjunction with the Ministry of Health, shall arrange these transfers as far as possible. I am, therefore, enclosing herewith a list of approved vacancies in the region in which you live, and would ask you to indicate this office . . . to which of these employing offices it would be convenient to you to make application. Under the scheme set out in this letter the normal procedure between employer desiring to engage a pharmacist or dispenser, and a pharmacist or dispenser seeking new employment, will apply, arrangements regarding salary, accommodation, costs of attending interview, etc., to be made with the prospective employer.

This letter has been sent out on the letter-heading of the Pharmaceutical Society. Does that imply that the actions of the C.P.W.C. have the blessing of the Council of the Society? If so, what arrangements have the Society attempted to make with the Government to compensate for rent, rates, and stock of the person acting as substitute? So far as I personally can see, we have been sold "lock, stock, and barrel" by the very Council which should have been most helpful in defending our case.—Yours faithfully,

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THE CHEMIST & DRUGGIST DIARY AND YEAR BOOK, 1936
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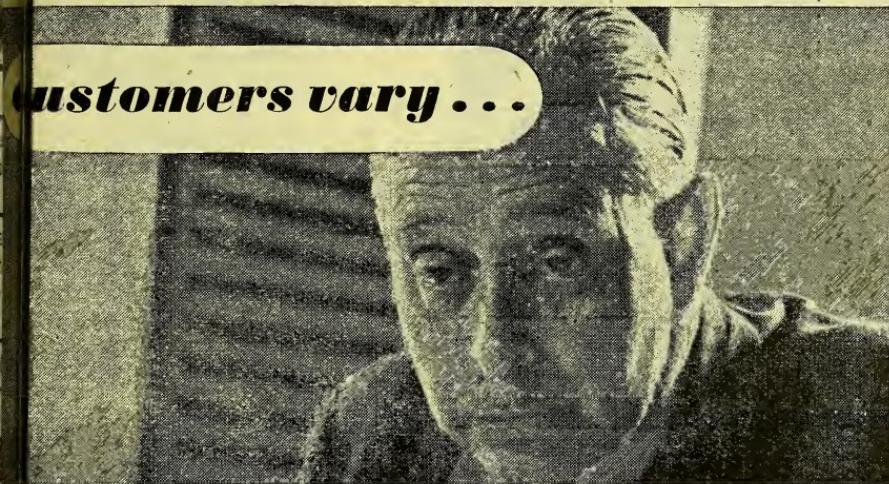
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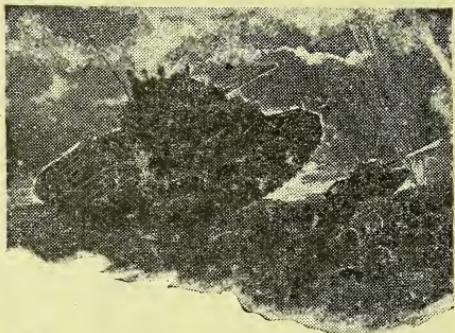
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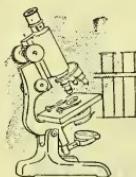
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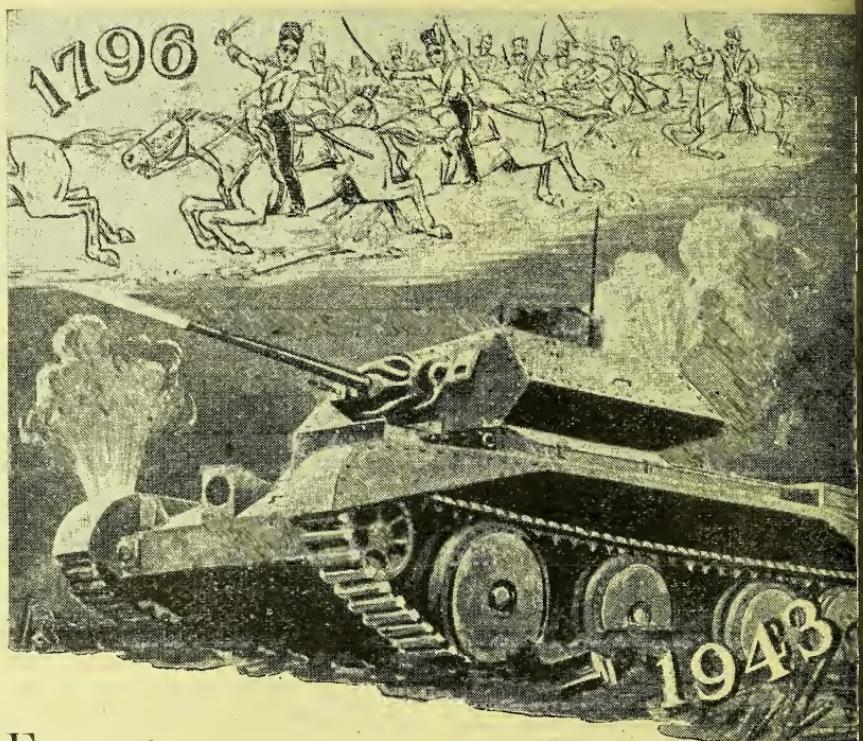
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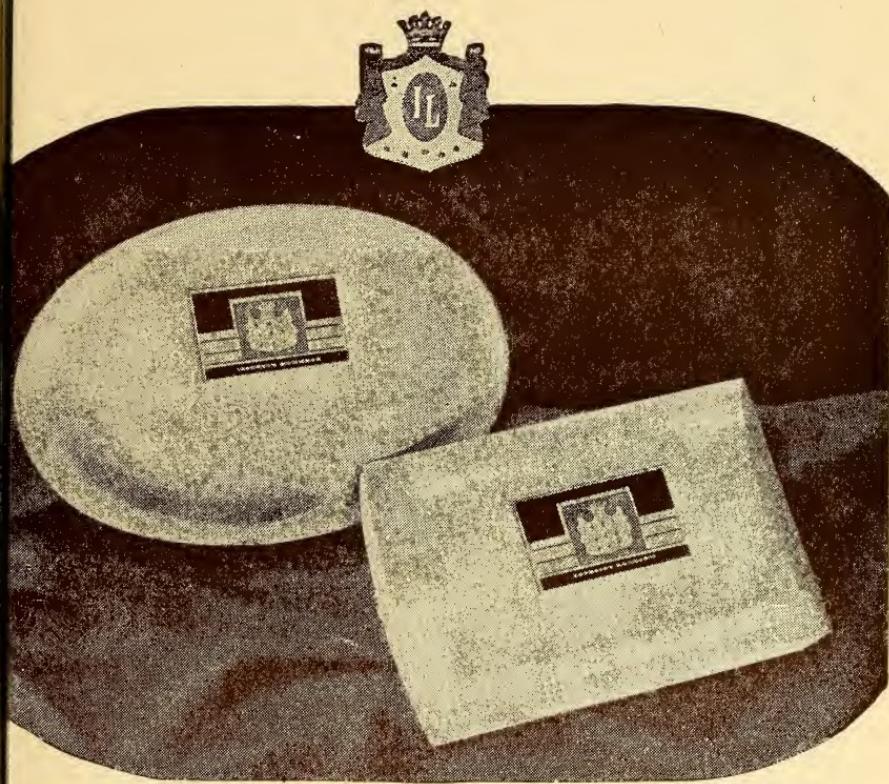
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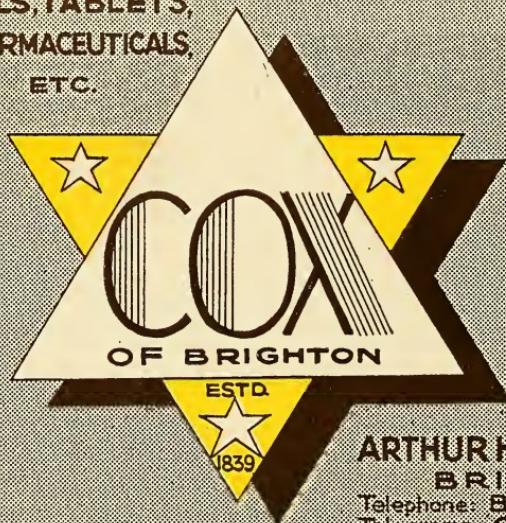
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